

Bioactive

HuPro®

# FASLG (Human) Recombinant Protein

Catalog # P8584

Size 2 x 10 ug

## Specification

|                     |                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Human FASLG recombinant protein with His tag in N-terminus expressed in HEK293 cells.                                                                                                                     |
| Host                | Human                                                                                                                                                                                                     |
| Form                | Liquid                                                                                                                                                                                                    |
| Preparation Method  | Mammalian cell (HEK 293) expression system                                                                                                                                                                |
| Purification        | Chromatography                                                                                                                                                                                            |
| Purity              | > 95% as determined by (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.                                                                                                                                  |
| Activity            | ED <sub>50</sub> <10 ng/mL, measured by the ability to induce the cytotoxicity in Jurkat cells in the absence of any cross-linking, corresponding to a specific activity of 1 x 10 <sup>5</sup> units/mg. |
| Storage Buffer      | In? 1x PBS.                                                                                                                                                                                               |
| Storage Instruction | Store at 4°C for 1 week, should be stored at -20°C for long term storage.<br>Avoid repeated freeze/thaw cycles.                                                                                           |

## Applications

- Functional Study

## Gene Info — FASLG

|                    |                        |
|--------------------|------------------------|
| Entrez GeneID      | <a href="#">356</a>    |
| Protein Accession# | <a href="#">Q53ZZ1</a> |
| Gene Name          | FASLG                  |

|                    |                                                                                                                                                                                                                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Alias         | APT1LG1, CD178, CD95L, FASL, TNFSF6                                                                                                                                                                                                                                                                                        |
| Gene Description   | Fas ligand (TNF superfamily, member 6)                                                                                                                                                                                                                                                                                     |
| Omim ID            | <a href="#">134638</a> <a href="#">152700</a>                                                                                                                                                                                                                                                                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                  |
| Gene Summary       | The protein encoded by this gene is the ligand for FAS. Both are transmembrane proteins. Interaction of FAS with this ligand is critical in triggering apoptosis of some types of cells such as lymphocytes. Defects in this gene may be related to some cases of systemic lupus erythematosus (SLE). [provided by RefSeq] |
| Other Designations | CD95 ligand OTTHUMP00000032708 apoptosis (APO-1) antigen ligand 1 fas ligand tumor necrosis factor (ligand) superfamily, member 6                                                                                                                                                                                          |

## Pathway

- [Allograft rejection](#)
- [Apoptosis](#)
- [Autoimmune thyroid disease](#)
- [Cytokine-cytokine receptor interaction](#)
- [Graft-versus-host disease](#)
- [MAPK signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Pathways in cancer](#)
- [Type I diabetes mellitus](#)

## Disease

- [Acquired Immunodeficiency Syndrome](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Autoimmune Diseases](#)

- [Azoospermia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Carcinoma in Situ](#)
- [Cervical Intraepithelial Neoplasia](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Connective Tissue Diseases](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Endometriosis](#)
- [Epidermal Necrolysis](#)
- [Esophageal Neoplasms](#)
- [Fetal Diseases](#)
- [Gastroesophageal Reflux](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Hematologic Diseases](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [HIV Infections](#)
- [Hodgkin Disease](#)

- [Hypercholesterolemia](#)
- [Infection](#)
- [Infertility](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intestinal Fistula](#)
- [Intestinal Neoplasms](#)
- [Leukemia](#)
- [Leukoplakia](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lymphatic Metastasis](#)
- [Lymphocytosis](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Migraine with Aura](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Nasopharyngeal Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Neovascularization](#)

- [Neutropenia](#)
- [Occupational Diseases](#)
- [Oligospermia](#)
- [Oral Submucous Fibrosis](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Periodontitis](#)
- [Pharyngeal Neoplasms](#)
- [Precancerous Conditions](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Silicosis](#)
- [Skin Diseases](#)
- [Skin Neoplasms](#)
- [Stevens-Johnson Syndrome](#)
- [Stomach Neoplasms](#)
- [Substance-Related Disorders](#)
- [Thrombocytopenia](#)
- [Thyroid Neoplasms](#)
- [Thyroiditis](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)

- [Uterine Cervical Neoplasms](#)
- [Vitiligo](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)