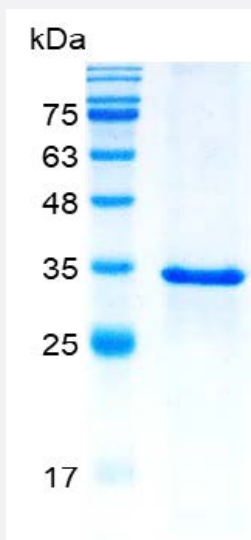


FASLG (Human) Recombinant Protein

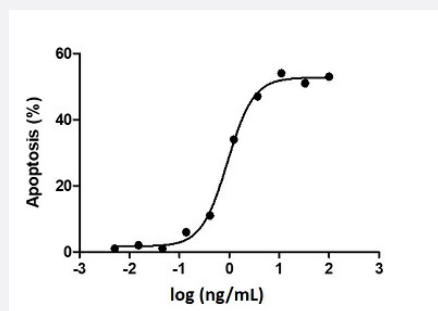
Catalog # P7808

Size 20 ug

Applications



SDS-PAGE analysis of FASLG (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description

Human FASLG recombinant protein with polyhistidine-SUMO tag at the N-terminus expressed in *Escherichia coli*.

Sequence

QIGHPSPPPEKKELRKVAHLTGKSNSRSMPLWEDTYGVLLSGVKYKKGGLVINETGLYFVYSKV
YFRGQSCNNLPLSHKVYMRNSKYPQDLVMMEGKMMSYCTTGQMWARSSYLGA VFNLTSADHLY
VNVSELSLVNFEESQTFFGLYKL with polyhistidine tag and sumo tag at the N-terminus.

Host

Escherichia coli

Specificity

23

Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ni-NTA chromatography
Purity	> 98% as determined by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of FASLG (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 8.0. Reconstitute the lyophilized powder in ddH ₂ O to a concentration not less than 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at -20°C to -80°C. The product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FASLG

Entrez GeneID	356
Gene Name	FASLG
Gene Alias	APT1LG1, CD178, CD95L, FASL, TNFSF6
Gene Description	Fas ligand (TNF superfamily, member 6)
Omim ID	134638 152700
Gene Ontology	Hyperlink

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](#)