

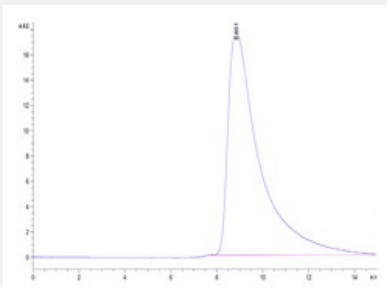
HuPro®

TNFRSF10B (Human) Recombinant Protein

Catalog # P9773

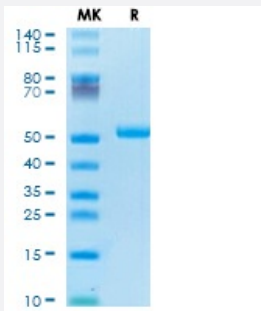
Size 100 ug

Applications



SEC-HPLC

The purity of Human TRAIL R2 is greater than 95% as determined by SEC-HPLC.



Tris-Bis PAGE

Human TRAIL R2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Specification

Product Description	Human TNFRSF10B (O14763-1, Ile56-Glu182) partial recombinant protein with hFc tag at C-Terminus expressed in HEK293 cells.
Sequence	Ile56-Glu182
Host	Human
Theoretical MW (kDa)	41.1
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system

Quality Control Testing

SEC-HPLC and Tris-Bis PAGE

SEC-HPLC

The purity of Human TRAIL R2 is greater than 95% as determined by SEC-HPLC.

Tris-Bis PAGE

Human TRAIL R2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Recommend Usage

Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer

In 50mM Tris pH 7.5 (100mM NaCl and 8% trehalose)

Storage Instruction

Store at -80°C for 12 Month.

Aliquot to avoid repeated freezing and thawing.

Note

Result of bioactivity analysis

Applications

- Enzyme-linked Immunoabsorbent Assay
- Functional Study
- SDS-PAGE

Gene Info — TNFRSF10B

Entrez GeneID[8795](#)**Protein Accession#**[O14763-1](#)**Gene Name**

TNFRSF10B

Gene Alias

CD262, DR5, KILLER, KILLER/DR5, TRAIL-R2, TRAILR2, TRICK2, TRICK2A, TRICK2B, TRICK B, ZTNFR9

Gene Description

tumor necrosis factor receptor superfamily, member 10b

Omim ID[275355 603612](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the TNF-receptor superfamily, and contains an intracellular death domain. This receptor can be activated by tumor necrosis factor-related apoptosis inducing ligand (TNFSF10/TRAIL/APO-2L), and transduces an apoptosis signal. Studies with FADD-deficient mice suggested that FADD, a death domain containing adaptor protein, is required for the apoptosis mediated by this protein. Two transcript variants encoding different isoforms and one non-coding transcript have been found for this gene. [provided by RefSeq]

Other Designations

Fas-like protein|OTTHUMP00000123492|TNF-related apoptosis-inducing ligand receptor 2|TRAIL receptor 2|apoptosis inducing protein TRICK2A/2B|apoptosis inducing receptor TRAIL-R2|cytotoxic TRAIL receptor-2|death domain containing receptor for TRAIL/Apo-2L|d

Pathway

- [Apoptosis](#)
- [Cytokine-cytokine receptor interaction](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)

Disease

- [Asthma](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)

- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lymphoproliferative Disorders](#)
- [Multiple Myeloma](#)
- [Neoplasm Metastasis](#)
- [Neoplasms](#)
- [Occupational Diseases](#)
- [Prostatic Neoplasms](#)
- [Recurrence](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)