

TRAIL R1/DR4/TNFRSF10A Recombinant Protein | TRAILR1/DR4/TNFRSF10A recombinant protein

Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein Recombinant

CATALOG #	HOST
AAA76276	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

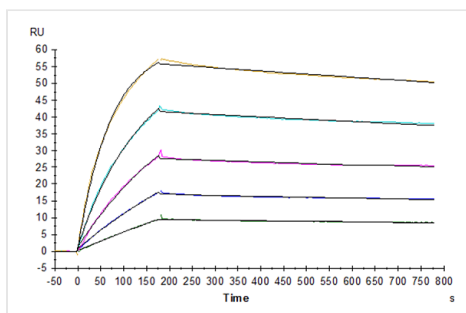
PRODUCT SYNONYMS

TRAIL R1/DR4/TNFRSF10A; Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein Recombinant; TRAILR1/DR4/TNFRSF10A recombinant protein

PRODUCT SPECIFICATIONS

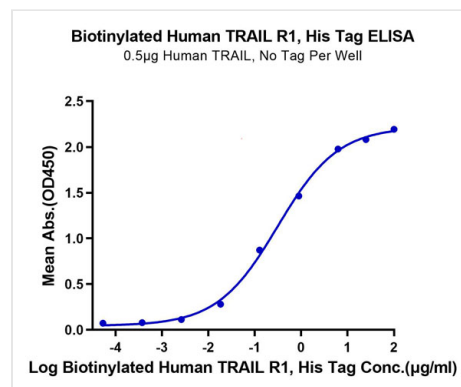
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human TRAIL R1/DR4/TNFRSF10A was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human TRAIL R1/DR4/TNFRSF10A including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Receptor
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



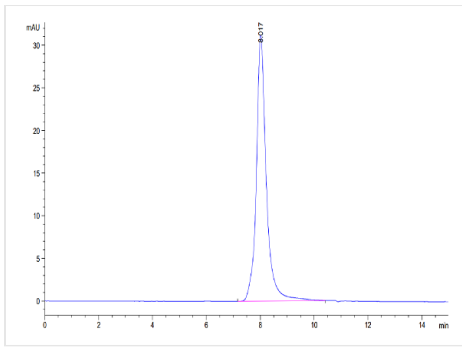
Application Data

Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein SPR Data: Biotinylated Human TRAIL R1, His-Avi Tag immobilized on CM5 Chip can bind Human TRAIL, No Tag with an affinity constant of 0.315 nM as determined in SPR assay (Biacore T200).



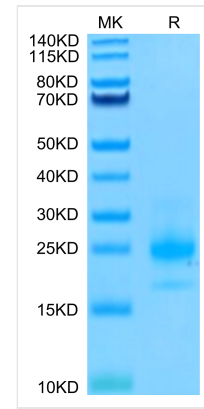
ELISA

Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein ELISA Data: Immobilized Human TRAIL, No Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human TRAIL R1, His Tag with the EC50 of 0.31 µg/ml determined by ELISA.



Application Data

Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein SEC-HPLC The purity of Biotinylated Human TRAIL R1 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human TRAIL R1/DR4/TNFRSF10A Protein Tris-Bis PAGE Biotinylated Human TRAIL R1 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for
TRAILR1/DR4/TNFRSF10A recombinant
protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	259906438
NCBI GeneID	8797
NCBI Accession #	NP_003835.3
NCBI GenBank Nucleotide #	NM_003844.3
UniProt Accession #	O00220; Q53Y72; Q96E62; A8K5I4
Molecular Weight	50,089 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10a
NCBI Official Symbol	TNFRSF10A
NCBI Official Synonym Symbols	DR4; APO2; CD261; TRAILR1; TRAILR-1
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10A; TRAIL-R1; TRAIL receptor 1; death receptor 4; cytotoxic TRAIL receptor; TNF-related apoptosis-inducing ligand receptor 1; tumor necrosis factor receptor superfamily member 10a variant 2
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10A
UniProt Gene Name	TNFRSF10A
UniProt Synonym Gene Names	APO2; DR4; TRAILR1; TRAIL receptor 1; TRAIL-R1
UniProt Entry Name	TR10A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/tnfrsf10a-recombinant-protein-hek293/76276>