

TRAIL R4/TNFRSF10D Recombinant Protein | TRAILR4/ recombinant protein

Biotinylated Human TRAIL R4/TNFRSF10D Protein Recombinant

CATALOG #	HOST
AAA76308	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

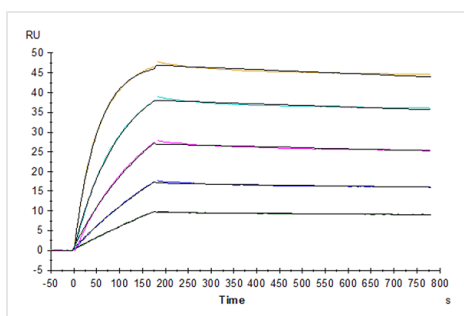
PRODUCT SYNONYMS

TRAIL R4/TNFRSF10D; Biotinylated Human TRAIL R4/TNFRSF10D Protein Recombinant; TRAILR4/ recombinant protein

PRODUCT SPECIFICATIONS

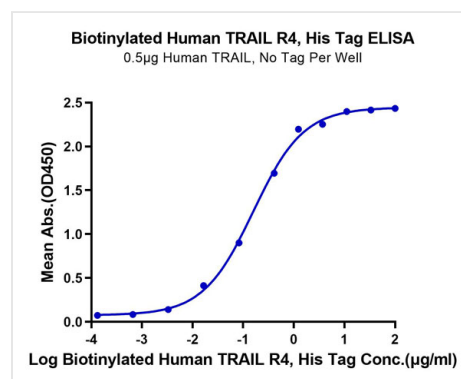
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human TRAIL R4/TNFRSF10D was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human TRAIL R4/TNFRSF10D 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



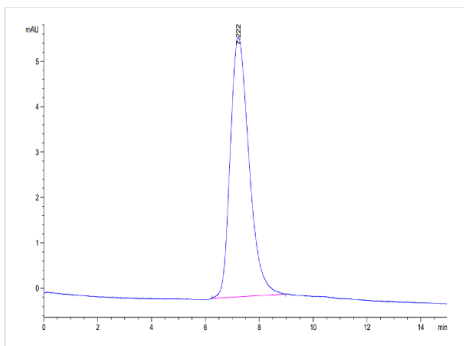
Application Data

Biotinylated Human TRAIL R4/TNFRSF10D Protein SPR Data: Biotinylated Human TRAIL R4, His-Avi Tag immobilized on CM5 Chip can bind Human TRAIL, No Tag with an affinity constant of 0.135 nM as determined in SPR assay (Biacore T200).



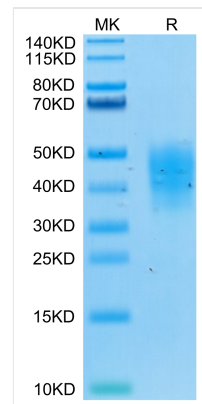
ELISA

Biotinylated Human TRAIL R4/TNFRSF10D 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 R4, His Tag with the EC50 of 0.14 µg/ml determined by ELISA.



Application Data

Biotinylated Human TRAIL R4/TNFRSF10D Protein SEC-HPLC The purity of Biotinylated Human TRAIL R4 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human TRAIL R4/TNFRSF10D Protein Tris-Bis PAGE Biotinylated Human TRAIL R4 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for
TRAILR4/ recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	22547108
NCBI GeneID	8793
NCBI Accession #	NP_003831.2
NCBI GenBank Nucleotide #	NM_003840.4
UniProt Accession #	Q9UBN6; P50591 TNF10_HUMAN
Molecular Weight	41,823 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10D
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10d, decoy with truncated death domain
NCBI Official Symbol	TNFRSF10D
NCBI Official Synonym Symbols	DCR2; CD264; TRUNDD; TRAILR4; TRAIL-R4
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10D; TRAIL receptor 4; decoy receptor 2; TNF receptor-related receptor for TRAIL; TRAIL receptor with a truncated death domain; TNF-related apoptosis-inducing ligand receptor 4
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10D
UniProt Gene Name	TNFRSF10D
UniProt Synonym Gene Names	DCR2; TRAILR4; TRUNDD; DcR2; TRAIL receptor 4; TRAIL-R4
UniProt Entry Name	TR10D_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/tnfrsf10d-recombinant-protein-hek293-cells/76308>