

TNFRSF10B/DR5/TRAIL-R2 active protein

Active Recombinant Human TNFRSF10B/DR5/TRAIL-R2 Protein

CATALOG #
AAA282494

HOST
HEK293 cells

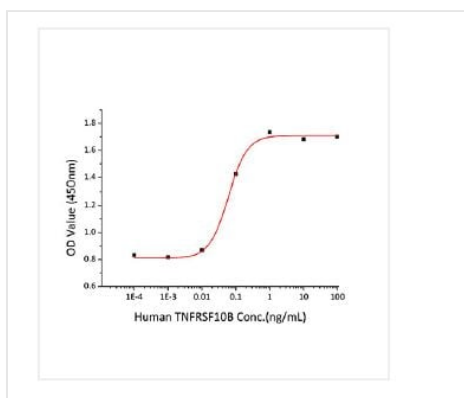
PRODUCT SYNONYMS

TNFRSF10B/DR5/TRAIL-R2; Active Recombinant Human TNFRSF10B/DR5/TRAIL-R2 Protein; CD262; DR5; KILLER; KILLER/DR5; TRAIL-R2; TRAILR2; TRICK2; TRICK2A; TRICK2B; TRICKB; ZTNFR9; TNFRSF10B; TNFRSF10B/DR5/TRAIL-R2 active protein

PRODUCT SPECIFICATIONS

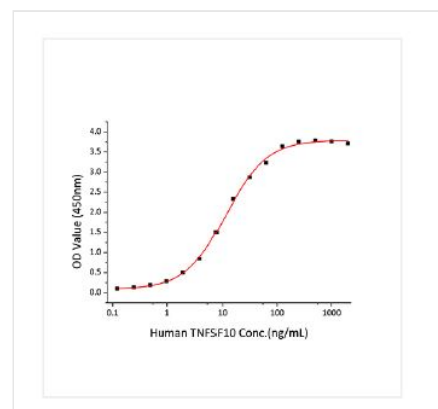
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-hFc&His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Human TNFRSF10B at 1 ug/mL (100 uL/well) can bind Human TNFSF10 with a linear range of 0.1-11.7 ng/mL. 2. Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is 30-120 pg/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.
Preparation and Storage	Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles. Ship: Ice Pack

IMAGES



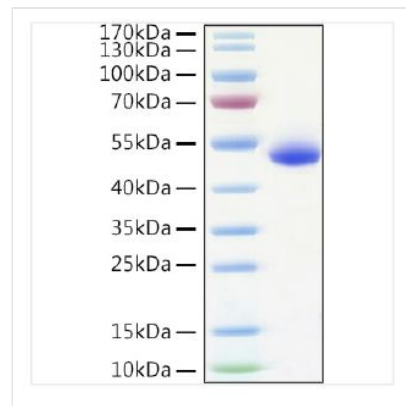
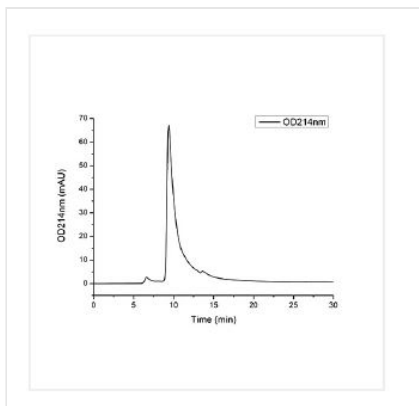
Application Data

Recombinant Human TNFRSF10B inhibit TRAIL-mediated cytotoxicity using L-929 mouse fibroblast cells treated with TRAIL. The ED50 for this effect is 30-120 pg/mL in the presence of 20 ng/mL Recombinant Human TRAIL/TNFSF10.



Application Data

Immobilized Human TNFRSF10B at 1 ug/mL (100 uL/well) can bind Human TNFSF10 with a linear range of 0.1-11.7 ng/mL.



Application Data

The purity of Human DR5/TRAIL R2 Protein (#AAA282494) was greater than 90% as determined by SEC-HPLC.

SDS-PAGE

Recombinant Human TNFRSF10B/DR5/TRAIL-R2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50kDa.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF10B/DR5/TRAIL-R2 active protein	Active Recombinant Human TNFRSF10B/DR5/TRAIL-R2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ile56-Glu182) of human DR5/TRAIL R2 (Accession #NP_003833.3) fused with a Fc, 6×His tag at the C-terminus.
Product Categories/Family for TNFRSF10B/DR5/TRAIL-R2 active protein	Bio-Markers & CD Antigens; TNF family; Biosimilar Drug Targets

NCBI AND UNIPROT INFORMATION

NCBI GI #	224494019
NCBI GeneID	8795
NCBI Accession #	NP_003833.4
NCBI GenBank Nucleotide #	NM_003842.4
UniProt Accession #	O14763; O14720; O15508; O15517; O15531; Q6UXM8; Q7Z360; Q9BVE0
Molecular Weight	47,878 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 10B isoform 1
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 10b
NCBI Official Symbol	TNFRSF10B
NCBI Official Synonym Symbols	DR5; CD262; KILLER; TRICK2; TRICKB; ZTNFR9; TRAILR2; TRICK2A; TRICK2B; TRAIL-R2; KILLER/DR5
NCBI Protein Information	tumor necrosis factor receptor superfamily member 10B; Fas-like protein; death receptor 5; cytotoxic TRAIL receptor-2; TNF receptor superfamily member 10b; apoptosis inducing receptor TRAIL-R2; apoptosis inducing protein TRICK2A/2B; TNF-related apoptosis-
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 10B
UniProt Gene Name	TNFRSF10B
UniProt Synonym Gene Names	DR5; KILLER; TRAILR2; TRICK2; ZTNFR9; TRAIL receptor 2; TRAIL-R2
UniProt Entry Name	TR10B_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.

