

TNFRSF1B/TNF-R2/CD120b active protein

Active Recombinant Mouse TNFRSF1B/TNF-R2/CD120b Protein

CATALOG #
AAA282488

HOST
HEK293 cells

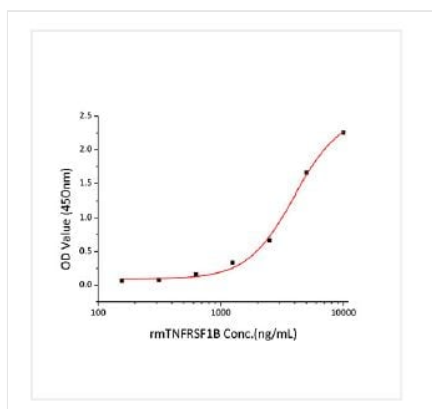
PRODUCT SYNONYMS

TNFRSF1B/TNF-R2/CD120b; Active Recombinant Mouse TNFRSF1B/TNF-R2/CD120b Protein; TNFRSF1B; CD120b; TBPII; TNF-R-II; TNF-R75; TNFBR; TNFR1B; TNFR2; TNFR80; p75; TNFRSF1B/TNF-R2/CD120b active protein

PRODUCT SPECIFICATIONS

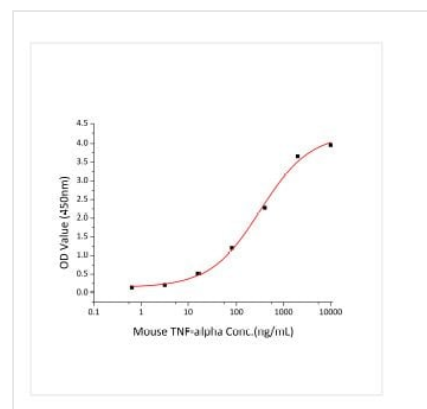
Host	HEK293 cells
Purity/Purification	> 95% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Mouse
Tag	C-His
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Mouse TNFRSF1B at 1 ug/mL (100 uL/well) can bind Mouse TNF-alpha with a linear range of 0.64-317.13 ng/mL. 2. Measured by its ability to inhibit TNFalpha-mediated cytotoxicity in L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 2-8 ug/mL in the presence of 0.1 ng/mL of recombinant mouse TNFalpha.
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



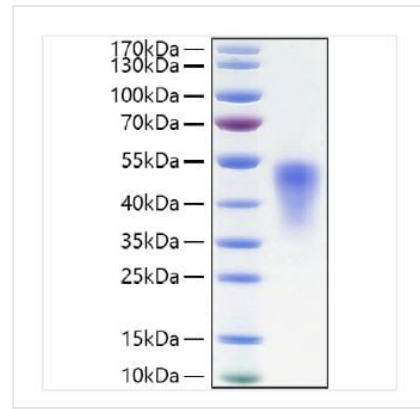
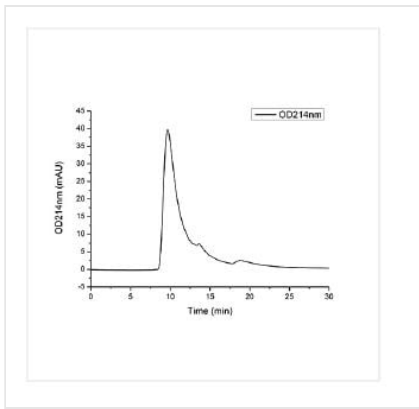
Application Data

Recombinant Mouse TNFRSF1B inhibit TNFalpha-mediated cytotoxicity in L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 2-8 ug/mL in the presence of 0.1 ng/mL of recombinant mouse TNFalpha.



Application Data

Immobilized Mouse TNFRSF1B at 1ug/mL (100 uL/well) can bind Mouse TNF-alpha with a linear range of 0.64-317.13ng/mL.



Application Data

The purity of Mouse TNFR2/CD120b/TNFRSF1B Protein (#AAA282488) was greater than 90% as determined by SEC-HPLC.

SDS-PAGE

Recombinant Mouse TNFRSF1B/TNFR2/ CD120b Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 40-50kDa.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF1B/TNF-R2/CD120b active protein	Active Recombinant Mouse TNFRSF1B/TNF-R2/CD120b Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val23-Gly258) of mouse TNFR2/CD120b/TNFRSF1B (Accession #NP_035740.2) fused with a 6×His tag at the C-terminus.
Product Categories/Family for TNFRSF1B/TNF-R2/CD120b active protein	Bio-Markers & CD Antigens; TNF family

NCBI AND UNIPROT INFORMATION

NCBI GI #	70778792
NCBI GeneID	21938
NCBI Accession #	NP_035740.2
NCBI GenBank Nucleotide #	NM_011610.3
UniProt Accession #	P25119; O88734; P97893
Molecular Weight	50,320 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1B
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1b
NCBI Official Symbol	Tnfrsf1b
NCBI Official Synonym Symbols	p75; TNFBR; Tnfr2; CD120b; TNF-R2; TNFR80; TNFRII; Tnfr-1; TNF-R75; TNF-R-II; TNF-alphaR2; TNFalpha-R2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1B; TNF receptor beta chain; TNF-RII; TNFR-II; p75 TNFR; p80 TNF-alpha receptor; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1B
UniProt Gene Name	Tnfrsf1b
UniProt Synonym Gene Names	Tnfr-2; Tnfr2; TNF-R2; TNF-RII; TNFR-II
UniProt Entry Name	TNR1B_MOUSE

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.