

TNFRSF1A/TNF-R1/CD120a active protein

Active Recombinant Human TNFRSF1A/TNF-R1/CD120a Protein

CATALOG #
AAA282505

HOST
HEK293 cells

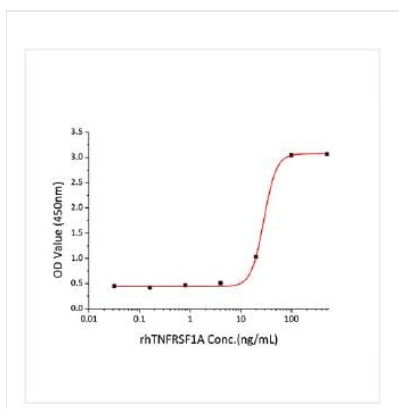
PRODUCT SYNONYMS

TNFRSF1A/TNF-R1/CD120a; Active Recombinant Human TNFRSF1A/TNF-R1/CD120a Protein; TNFRSF1A; CD120a; PPF; TBP1; TNF-R; TNF-R-I; TNF-R55; TNFAR; TNFR1; TNFR55; TNFR60; p55; p55-R; p60; TNFRSF1A/TNF-R1/CD120a active protein

PRODUCT SPECIFICATIONS

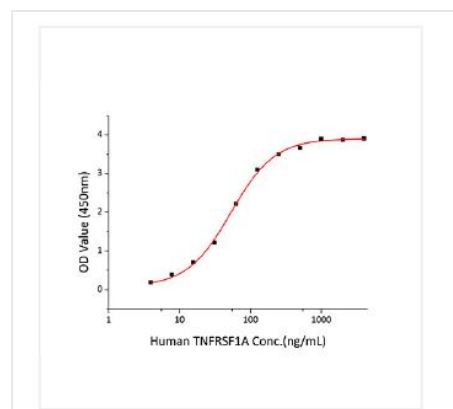
Host	HEK293 cells
Purity/Purification	> 90% by SDS-PAGE.
Form/Format	Liquid Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.
Species	Human
Tag	C-hFc
Bioactivity	1. Measured by its binding ability in a functional ELISA. Immobilized Mouse TNFalpha at 2 ug/mL (100 uL/well) can bind Human TNFRSF1A with a linear range of 4-53 ng/mL. 2. Measured by its ability to inhibit TNF-alpha mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 14-57 ng/mL in the presence of 0.25 ng/mL recombinant human TNF-alpha.
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



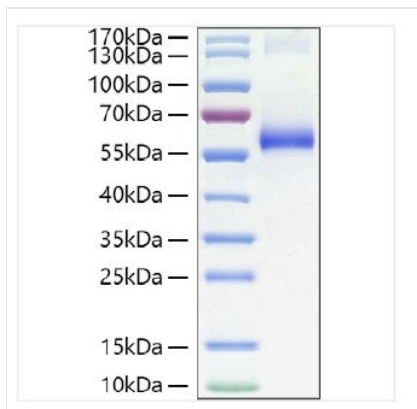
Application Data

Recombinant Human TNFRSF1A inhibit TNF-alpha mediated cytotoxicity in L-929 mouse fibrosarcoma cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is typically 14-57 ng/mL in the presence of 0.25 ng/mL recombinant human TNF-alpha.



Application Data

Immobilized recombinant Mouse TNFalpha at 2 ug/mL (100 uL/well) can bind Human TNFRSF1A with a linear range of 4-53 ng/mL.



SDS-PAGE

Recombinant Human TNFRSF1A/TNFR1/CD120a Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 58-66kDa.

ADDITIONAL INFORMATION

Related Product Information for TNFRSF1A/TNF-R1/CD120a active protein	Active Recombinant Human TNFRSF1A/TNF-R1/CD120a Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu30-Thr211) of human CD120a/TNFRSF1A (Accession #NP_001056.1) fused with a hFc tag at the C-terminus.
Product Categories/Family for TNFRSF1A/TNF-R1/CD120a active protein	TNF family

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507575
NCBI GeneID	7132
NCBI Accession #	NP_001056.1
NCBI GenBank Nucleotide #	NM_001065.3
UniProt Accession #	P19438 ; Q9UCA4 ; A8K4X3 ; B2RDE4 ; B3KPQ1 ; B4DQB7 ; B4E309 ; D3DUR1
Molecular Weight	50,495 Da
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 1A
NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 1A
NCBI Official Symbol	TNFRSF1A
NCBI Official Synonym Symbols	FPF; MS5; p55; p60; TBP1; TNF-R; TNFAR; TNFR1; p55-R; CD120a; TNFR55; TNFR60; TNF-R-I; TNF-R55; TNFR1-d2
NCBI Protein Information	tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-R-I; TNFR-I; tumor necrosis factor-alpha receptor; tumor necrosis factor receptor type 1; tumor necrosis factor binding protein 1; tumor necrosis factor receptor 1A isoform beta
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 1A
UniProt Gene Name	TNFRSF1A
UniProt Synonym Gene Names	TNFAR; TNFR1; TNF-R1; TNF-R-I; TNFR-I; TBPI
UniProt Entry Name	TNR1A_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.

