

Active Recombinant Human TNFRSF1A Protein, His & Avi-tagged, Biotinylated

Cat. No. TNFRSF1A-3190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TNFRSF1A Protein (Ile 22 - Thr 211) (NP_001056), fused with an Avi tag at the C-terminus, followed by a polyhistidine tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 22 - Thr 211
Form	Lyophilized from sterile PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human TNF-alpha, Tag Free at 5µg/mL (100 µL/well) can bind Biotinylated Human TNFR1, His Tag with a linear range of 2.4-78 ng/mL.
Molecular Mass	Recombinant Human TNFRSF1A Protein has a calculated MW of 23.9 kDa. The protein migrates as 35-40 kDa on a SDS-PAGE gel under reducing (R) condition due to different glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	TNFRSF1A tumor necrosis factor receptor superfamily, member 1A [Homo sapiens]
Official Symbol	TNFRSF1A
Synonyms	TNFRSF1A; tumor necrosis factor receptor superfamily, member 1A; TNFR1; tumor necrosis factor receptor superfamily member 1A; CD120a; TNF R; TNF R I; TNF R55; TNFAR; TNFR60; TNF-R1; TNF-RI; 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; FPF; p55; p60; TBP1; TNF-R; p55-R; TNFR55; TNF-R-I; TNF-R55; MGC19588;
Gene ID	7132
mRNA Refseq	NM_001065
Protein Refseq	NP_001056
MIM	191190
UniProt ID	P19438

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Chromosome Location	12p13.2
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem;
Function	protease binding; protein binding; receptor activity; tumor necrosis factor binding; tumor necrosis factor-activated receptor activity;

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