Recombinant Mouse TNFSF4 Protein, Fc-tagged

Cat. No. TNFSF4-690M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF4 protein with Fc tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	198
Description	Enables tumor necrosis factor receptor binding activity. Involved in several processes, including T cell activation; regulation of gene expression; and regulation of lymphocyte activation. Acts upstream of or within cholesterol metabolic process; inflammatory response; and negative regulation of cytokine production. Predicted to be located in cell surface. Predicted to be active in extracellular space. Is expressed in sensory organ and skeleton. Used to study primary pulmonary hypertension and type 1 diabetes mellitus. Human ortholog(s) of this gene implicated in myocardial infarction. Orthologous to human TNFSF4 (TNF superfamily member 4).
Form	Lyophilized
Molecular Mass	44.5 kDa
AA Sequence	MEGEGVQPLDENLENGSRPRFKWKKTLRLVVSGIKGAGMLLCFIYVCLQLSSSPAK DPPIQRLRGAVTRCEDGQLFISSYKNEYQTMEVQNNSVVIKCDGLYIIYLKGSFFQEV KIDLHFREDHNPISIPMLNDGRRIVFTVVASLAFKDKVYLTVNAPDTLCEHLQINDGELI VVQLTPGYCAPEGSYHSTVNQVPL

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 μg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Tnfsf4 tumor necrosis factor (ligand) superfamily, member 4 [Mus musculus (house mouse)]
Official Symbol	TNFSF4
Synonyms	TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tumor necrosis factor ligand superfamily member 4; OX40 ligand; atherosclerosis 1; tax-transcriptionally activated glycoprotein 1 ligand; Ath1; gp34; Ath-1; Ox40l; TXGP1; CD134L; OX-40L; Txgp1l;

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Gene ID	22164
mRNA Refseq	NM_009452
Protein Refseq	NP_033478
UniProt ID	P43488

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