

Product datasheet for **TP728133M**

Tnfrsf4 (20-211, hlgG-His-Tag) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant mouse OX40/TNFRSF4 protein
Species:	Mouse
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	VTARRL NCVKHTYPSG HKCCRECQPG HGMVSRCDHT RDTLCHPCET GFYNEAVNYD TCKQCTQCNH RSGSELKQNC TPTQDTVCRRC RPGTQPRQDS GYKLGVDCVP CPPGHFSPGN NQACKPWTNC TLSGKQTRHP ASDSLDAVCE DRSLLATLLW ETQRPTFRPT TVQSTTVWPR TSELPSPPTL VTPEGP
Tag:	hlgG-His-Tag
Predicted MW:	48.6kDa (435aa)
Concentration:	0.25mg/ml (determined by Absorbance at 280nm)
Purity:	> 95% by SDS-PAGE
Buffer:	Liquid. In Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
Bioactivity:	Measured by its binding ability in a functional ELISA with Mouse OX40 Ligand/TNFSF4 (CAT# ATGP4022). The ED50 range \leq 0.4 μ g/ml.
Endotoxin:	< 1 EU per 1 μ g of protein (determined by LAL method)
Applications:	SDS-PAGE, Bioactivity
Storage:	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
RefSeq:	NP_035789.1
Summary:	TNFRSF4, also known as CD134, is a member of the TNFR-superfamily of receptors. This protein is a receptor for TNFSF4/OX40L/GP34 and a costimulatory molecule implicated in long-term T-cell immunity. OX40-OX40L interactions regulate antigen-specific T-cell expansion and survival, cytokine production. It also modulates cytokine receptor signalling. Therefore the interaction between TNFRSF4 and CD40L plays a key role in the development of multiple imflammatry and autoimmune disease. It has been implicated in the pathologic cytokine storm associated with certain viral infections, including the H5N1 bird flu. Recombinant mouse OX40/TNFRSF4 , fused to hlgG-His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.



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