

Active Recombinant Human TNFSF4 Protein, C-His-tagged

Cat. No. TNFSF4-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF4 Protein, fused to His-tag, was expressed in HEK293T.
Species	Human
Source	HEK293
ProteinLength	139aa
Description	This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants.
Form	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol.
Bio-activity	Measured by its binding ability in a functional ELISA with Human OX40/TNFRSF4.
Molecular Mass	16.2kDa
AA Sequence	QVSHRYPRIQ SIKVQFTEYK KEKGFILTSQ KEDEIMKVQN NSVIINCDGF YLISLKGYS QEVNLSLHYQ KDEEPLFQLK KVRSVNSLMV ASLTYKDKVY LNVTTDNTSL DDFHVNGGEL ILIHQNPGEF CVL
N-terminal Sequence	51-183aa

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Analysis	
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method).
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE, Bioactivity
Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at 2 centigrade to 8 centigrade for 1 week. For long term storage, aliquot and store at -20 centigrade to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay).
GENE INFORMATION	
Gene Name	TNFSF4 TNF superfamily member 4 [Homo sapiens (human)]
Official Symbol	TNFSF4
Synonyms	GP34; CD252; OX40L; TXGP1; CD134L; OX-40L; TNLG2B
Gene ID	7292
mRNA Refseq	NM_003326.5
Protein Refseq	NP_003317.1
MIM	603594

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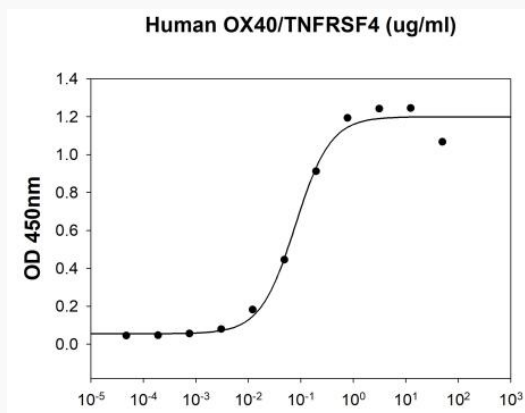
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UniProt ID

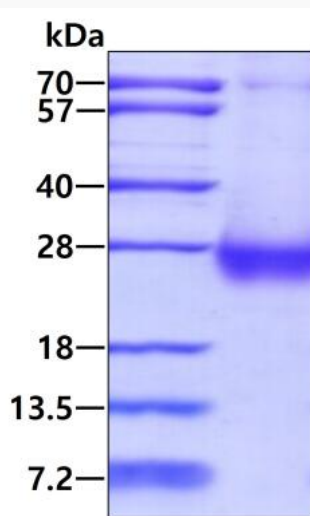
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Biological Activity



Human OX40 Ligand/TNFSF4 is coated at 1 ug/ml (100 ul/well) can bind Human OX40/TNFRSF4 in a Functional ELISA assay.

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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