

Recombinant Human TNFRSF4 Protein, hlgG-His-tagged

Cat. No. TNFRSF4-239H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF4(29-214aa) fused with hlgG-His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	29-214aa
Description	TNFRSF4, also known as tumor necrosis factor receptor superfamily member 4, is a T cell co-stimulatory molecule in the TNF receptor superfamily. This protein coordinates with other co-stimulatory substances (CD28, CD40, CD30, CD27 and 4-1BB) to control the activation of the immune response. It plays an important role in antigen-specific T cell expansion and survival. It is up-regulated on CD4+ and CD8+ T cells upon engagement of the TCR by antigen presenting cells along with co-stimulation by CD40-CD40 Ligand and CD28-B7. This protein also regulates cytokine production from T cells, antigen presenting cells, natural killer cells and natural killer cells and regulate cytokine receptor signaling.
Predicted N Terminal	Leu29
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	46.9Da (425aa) 40-57kDa (SDS-PAGE under reducing conditions)

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AA Sequence

LHCVGDYTPS NDRCCHECRP GNGMVSRCSR SQNTVCRPCG PGFYNDVVSS
 KPCKPCTWCN LRSGSERKQL CTATQDTVCR CRAGTQPLDS
 YKPGVDCAPC PPGHFSPGDN QACKPWTNCT LAGKHTLQPA SNSSDAICED
 RDPPATQPQE TQGPPARPIT VQPTEAWPRT SQGPSTRPVE
 VPGGRALEPK SCDKTHTCPP CPAPELLGGP SVFLFPPKPK DTLMISRTPE
 VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS
 TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV
 YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE
 NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALTHNHYTQ
 KSLSLSPGKH HHHHH

Purity > 90% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Absorbance at 280)

GENE INFORMATION

Gene Name TNFRSF4 tumor necrosis factor receptor superfamily, member 4 [Homo sapiens]

Official Symbol TNFRSF4

Synonyms TNFRSF4; tumor necrosis factor receptor superfamily, member 4; TXGP1L; tumor necrosis factor receptor superfamily member 4; ACT35; CD134; OX40; OX40 antigen; ACT35 antigen; ATC35 antigen; CD134 antigen; OX40 homologue; OX40L receptor; OX40 cell surface antigen; lymphoid activation antigene ACT35; TAX

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transcriptionally-activated glycoprotein 1 receptor; tax-transcriptionally activated glycoprotein 1 receptor;

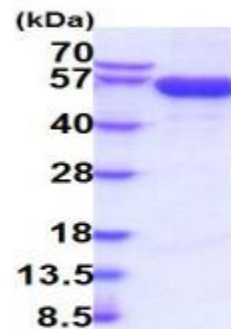
Gene ID 7293

mRNA Refseq NM_003327

Protein Refseq NP_003318

MIM 600315

UniProt ID P43489



15% SDS-PAGE (3ug)

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