Datasheet for ABIN7281303

TNFRSF4 Protein (AA 29-214) (hIgG-His-tag)

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Overview

Quantity:	100 µg
Target:	TNFRSF4
Protein Characteristics:	AA 29-214
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF4 protein is labelled with hIgG-His-tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	LHCVGDTYPS 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 NNYKTTPPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

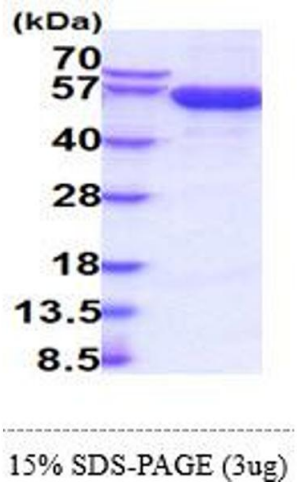
Target:	TNFRSF4
Alternative Name:	TNFRSF4 (TNFRSF4 Products)
Background:	TNFRSF4, also known as tumor necrosis factor receptor superfamily member 4, is a T cell co-stimulatory molecule in the TNF receptor superfamily. This protein coordinates with other co-stimulatory substances (CD28, CD40, CD30, CD27 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. Recombinant human TNFRSF4, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	46.9Da (425aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_003318
UniProt:	P43489
Pathways:	Production of Molecular Mediator of Immune Response, Cancer Immune Checkpoints

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.