

## Active Recombinant Human TNFSF4

**Cat. No.** TNFSF4-27254TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF4 was expressed in Hi-5 Insect cells.
<b>Species</b>	Human
<b>Source</b>	Hi-5 Insect Cells
<b>ProteinLength</b>	51-183 aa
<b>Description</b>	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.
<b>Bio-activity</b>	Determined by its ability to stimulate IL-8 production by human PBMC using a concentration range of 30-100 ng/ml. Note: Results may vary with PBMC donors.
<b>Molecular Mass</b>	15 kDa
<b>AA Sequence</b>	QVSHRYPRIQSIKVFTEYKKEKGFILTSQKEDEIMKVQNNNSVIINCDGFYLISLKG YF SQEVNISLHYQKDEEP LFQLKKVRSVNSLMVASLTYKDKVYLNVTDDNTSLDDFHVN GGELILIHQNPGEFCVL
<b>Endotoxin</b>	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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<b>Purity</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	Resuspend the protein in the desired concentration in proper buffer
<b>Storage Buffer</b>	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFSF4 tumor necrosis factor (ligand) superfamily, member 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TNFSF4
<b>Synonyms</b>	TNFSF4; tumor necrosis factor (ligand) superfamily, member 4; tax transcriptionally activated glycoprotein 1, 34kD , TXGP1; tumor necrosis factor ligand superfamily member 4; CD252; gp34; OX 40L
<b>Gene ID</b>	<a href="#">7292</a>
<b>mRNA Refseq</b>	<a href="#">NM_003326</a>
<b>Protein Refseq</b>	<a href="#">NP_003317</a>
<b>MIM</b>	<a href="#">603594</a>
<b>UniProt ID</b>	P23510
<b>Chromosome Location</b>	1q25
<b>Pathway</b>	Cytokine-cytokine receptor interaction; TSLP Signaling Pathway

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**Function**

cytokine activity; receptor binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding

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