

Active Recombinant Human CD27 Protein, hIgG-His-Tagged

Cat. No. CD27-098H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD27 Protein, hIgG-His-Tagged was expressed in Baculovirus cell line
Species	Human
Source	Insect Cells
ProteinLength	413aa
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human CD27 Ligand. The ED50 range ≤ 0.5 ug/ml.
Molecular Mass	46.4 kDa

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Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 85% 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 +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

Gene Name	CD27 CD27 molecule [Homo sapiens (human)]
Official Symbol	Cd27l
Synonyms	CD27 antigen, CD27, S152, LPFS2, T14, TNFRSF7, Tp55, CD 27, CD27 antigen, CD27 molecule, CD27_HUMAN, CD27L receptor, LPFS2, MGC20393, OTTHUMP00000238557, S152, T cell activation antigen CD27, T cell activation antigen S152, T-cell activation antigen CD27, T14, TNFRSF 7, TNFRSF7, TNFSF7, Tp 55, Tp55, Tumor necrosis factor receptor superfamily member 7
Gene ID	939
mRNA Refseq	NM_001242.5

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Protein Refseq	NP_001233.1
MIM	186711
UniProt ID	P26842

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