

Product datasheet for **TP728169**

Recombinant CD30L (CD30 ligand), Human

Product data:

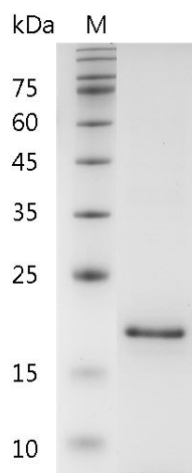
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|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant CD30L (CD30 ligand), Human |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MQRTDSIPNSPDNVPLKGGNCSEDLLCILKRAPFKKSWAYLQVAKHLNKTKLSWKNKGILHGVRVYQDGNLVIQFPGLYFIICQLQFLVQCPNNSVDLKLELLINKHIKKQALVTVCESGMQTKHVYQNLSSQFLLDYLVQVNTTISVNVDTFQYIDTSTFPLENVLSIFLYSNSD with polyhistidine tag at the C-terminus. |
| Tag: | His Tag (C-term) |
| Predicted MW: | The protein has a calculated MW of 20.57 kDa. The protein migrates as 18 kDa under reducing condition (SDS-PAGE analysis). |
| Purity: | >98% as determined by SDS-PAGE. |
| Buffer: | The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. |
| Bioactivity: | Measure by its ability to induce IL-8 secretion in human PBMCs using a concentration range of 10 - 100 ng/mL. Note: Results may vary from different PBMC donors. |
| Endotoxin: | <0.1 EU per 1 µg of the protein by the LAL method. |
| Reconstitution Method: | Centrifuge at 3000 rpm for 5 mins before opening. It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution at room temperature for at least 20 mins to ensure sufficient re-dissolved. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein. |
| Applications: | Cell culture |
| Storage: | Lyophilized protein should be stored at -20°C for 1 year. Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months. Avoid repeated freeze/thaw cycles. |
| UniProt ID: | P32971 |
| Synonyms: | soluble CD30 Ligand, TNFSF8, CD153, sCD30 Ligand |



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Summary:

Human CD30L is also named for CD153 and TNFSF8 which is one member of TNF family. Human CD30L is expressed on T cells. It binds the CD30, which is on some lymphoma cell lines. Human CD30L is a 30 kDa cytokine with 171 amino acid residues which is a transmembrane glycoprotein. Human CD30L plays an important role in the regulation of cell proliferation, activation and apoptosis. Human CD30L is a good target of cell therapy in inflammatory diseases.

Product images:

SDS- PAGE analysis of recombinant human CD30L