

32-20641: Recombinant Human sCD27 Ligand(Discontinued)

Alternative Name : soluble CD27 Ligand, CD27L, TNFSF7, CD70

Description

Source:CHO cells

CD27 Ligand, a type II transmembrane protein, is a member of the TNF superfamily. It is expressed on activated T and B lymphocytes, as well as NK cells. CD27L and its receptor (CD27) regulate the immune response by promoting T cell expansion and differentiation, as well as NK enhancement. CD27 signaling can act as a co-stimulatory effector to sustain the survival of CD8+ T cells, primarily by inducing increased expression of the IL-2 gene. Full length human CD27L is a 193 amino acid protein, consisting of a 17 amino acid cytoplasmic domain, a 21 amino acid transmembrane domain, and a 155 amino acid extracellular domain. Human soluble CD27L corresponds to the 155 amino acid extracellular domain of the full length CD27L protein. The Recombinant Human sCD27L contains the extracellular domain plus an N-terminal His-Tag. The calculated molecular weight of Recombinant Human sCD27L is 18.8 kDa.

Product Info

Amount : 10 µg / 50 µg

Purification : Purity:>= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : HHHHHHHHPS PGGSGGQRFA QAQQQLPLES LGWDVAELQL NHTGPQQDPR LYWQGGPALG
RSFLHGPELD KGQLRIHRDG IYMVHIQVTL AICSSTTASR HHPTTLAVGI CSPASRSISL LRLSFHQGCT
IASQRLTPLA RGDTLCTNLT GTLLPSRNTD ETFFGVQWVR P

Application Note

Determined by its ability to stimulate human IL-8 production by human PBMC using a concentration range of 10.0-25.0 ng/ml.