

CD27, 21-191aa, Human, hlgG His tag, Baculovirus

Cat.NO.: TP01496

3th Edition

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.

Description:CD27, as known as CD27 antigen, is a member of the TNF-receptor superfamily limited to cells of the lymphoid lineage, and exists as both a dimeric glycosylation on the cell surface and as a soluble protein in serum. As a T and B cell co-stimulatory molecule, the activity of CD27 is governed by its TNF-like ligand CD 70 on lymphocytes and dendritic cells. This protein plays a key role in regulating B-cell differentiation, activation and immunoglobulin synthesis. Recombinant human CD27, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:46.4kDa (413aa), 28-57kDa (SDS-PAGE under reducing conditions)

Sequences:

ADPTPAPKSCPERHYWAQGKLCCQMCEPGTFLVKDCDQHRKAAQCDPCIPGVSFSPDHHTRPHCESCRHCNSG
LLVRNCTITANAECACRNGWQCRDKECTECDPLPNPSLTARSSQALSPHPQPTHLPYVSEMLEARAGHMQLAD
FRQLPARTLSTHWPPQRSLSDFIRLEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVD
VSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAK
GQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSR
WQQGNVFSCSVMHEALHNHYTQKSLSLSPGKHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.