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32-13095: CD27 Human, sf9

Alternative Name : Tumor Necrosis Factor Receptor Superfamily Member 7, T-Cell Activation Antigen CD27, CD27 Molecule, CD27 Antigen, T Cell Activation Antigen S152, CD27L Receptor, TNFRSF7, S152, Tp55, T14.

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered colorless solution.
CD27 belongs to the TNF-receptor superfamily. CD27 is necessary for initiation and long-term maintenance of T cell immunity. CD27 binds to ligand CD70, and has a crucial role in regulating B-cell activation and immunoglobulin synthesis. The CD27 receptor transduces signals which result in the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 mediate the signaling process of CD27. CD27-binding protein (SIVA), which is a proapoptotic protein, can bind to the CD27 receptor and is believed to have a significant role in the apoptosis induced by CD27.
CD27 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 413 amino acids (21-191a.a.) and having a molecular mass of 46.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-57kDa).CD27 is fused with a 239 amino acids hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	1 µg / 5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	CD27 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH7.4) and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	ADPTPAPKSC PERHYWAQGK LCCQMCEPGT FLVKDCDQHR KAAQCDPCIP GVSFSPDHHT RPHCESCRHC NSGLLVRNCT ITANAECACR NGWQCRDKEC TECDPLPNPS LTARSSQALS PHPQPTHLPY VSEMLEARTA GHMQTLADFR QLPARTLSTH WPPQRSLCSS DFIRLEPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK GFYPSDIAVE WESNGQPENN YKTTPPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMHE ALHNHYTQKS LSLSPGKHHH HHH.

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