

32-3460: CD27 Recombinant Protein

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

Description

Source : E.coli. CD27 Human Recombinant produced in E. coli is a single polypeptide chain containing 196 amino acids (21-191) and having a molecular mass of 21.8 kDa.CD27 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The CD27 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea 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 :	MGSSHHHHHH SSGLVPRGSH MGSHMTPAPK SCPERHYWAQ GKLCQMCPEP GTFLVKDCDQ HRKAAQCDPC IPGVSFSPDH HTRPHCESCR HCNSGLLVRN CTITANAECA CRNGWQCRDK ECTECDPLPN PSLTARSSQA LSPHPQPTHL PYVSEMLEAR TAGHMQLAD FRQLPARTLS THWPPQRS LC SSDFIR.