9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CD27 Human

CD27 Human Recombinant
CDA0042

Product Overview

Name	CD27 Human
Description	
CD27 Human Recombinant	
Accession (Primary)	P26842
Synonyms	
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.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CD27 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM TPAPK SCPERHYWAQ GKLCCQMCEP GTFLVKDCDQ HRKAAQCDPC IPGVSFSPDH HTRPHCESCR HCNSGLLVRN CTITANAECA CRNGWQCRDK ECTECDPLPN PSLTARSSQA	

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LSPHPQPTHL PYVSEMLEAR TAGHMQTLAD FRQLPARTLS THWPPQRSLC SSDFIR.

Precautions

CD27 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26842)