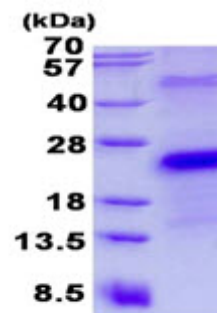


AR50534PU-N**Human CD27 (21-191, His-tag) - Purified**

| | |
|--------------------------|--|
| Alternate names: | CD27L receptor, T-cell activation antigen CD27, T14, TNFRSF7, Tumor necrosis factor receptor superfamily member 7 |
| Quantity: | 0.5 mg |
| Concentration: | 1 mg/ml (determined by Bradford assay) |
| Background: | TNFRSF7, also known as CD27, is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. |
| Uniprot ID: | P26842 |
| NCBI: | NP_001233.1 |
| GenelD: | 939 |
| Species: | Human |
| Source: | E. coli |
| Format: | State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol |
| Description: | Recombinant human CD27 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSHTPAPK SCPEHYWAQ GKLCCQMCEP GTFLVKDCDQ HRKAAQCDCP IPGVSFSPDH HTRPHCESCR HCNSGLLVRN CTITANAECA CRNGWQCRDK ECTECDPLPN PSLTARSSQA LSPHPQPTHL PYVSEMLEAR TAGHMOTLAD FRQLPARTLS THWPPQRS LC SSDFIR Molecular weight: 21.8 kDa (196aa) |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | Gravestein L.A., et al. (1998) Eur. J. Immunol. 28:2208-2216 Prasad K.V.S., et al. (1997) Proc. Natl. Acad. Sci. U.S.A. 94:6346-6351 |

Pictures:



15% SDS-PAGE (3ug)