

## Recombinant Human CD27

**Cat. No.** CD27-26925TH **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CD27 with N terminal proprietary tag; Predicted MWt 54.34 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	260 amino acids
<b>Description</b>	The protein encoded by this gene 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.
<b>Molecular Weight</b>	54.340kDa inclusive of tags
<b>Tissue specificity</b>	Found in most T-lymphocytes.
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino acids</b>	MARPHPWWLCLVGLTLVGLSATPAPKSCPERHYWAQGLCC QMCEPGTFLVKDCD QHRKAAQCPCIPGVSFSPDHHTRPH CESCRCNSGLLVRNCTITANAECACRNG WQCRDKECTEC DLPNPSLTARSSQALSPHPQPTHLPYVSEMLEARTAGHM QTL ADFRQLPARTLSTHWPPQRSLCSDFIRILVIFSGMF LVFTLAGALFLHQRRKYRSN KGESPVEPAEPCRYSCPREE EGSTIPIQEDYRKPEPACSP
<b>Sequence Similarities</b>	Contains 3 TNFR-Cys repeats.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CD27</a> <a href="#">CD27 molecule [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">CD27</a>
<b>Synonyms</b>	CD27; CD27 molecule; TNFRSF7, tumor necrosis factor receptor superfamily, member 7; CD27 antigen; S152; Tp55;
<b>Gene ID</b>	<a href="#">939</a>
<b>mRNA Refseq</b>	<a href="#">NM_001242</a>
<b>Protein Refseq</b>	<a href="#">NP_001233</a>
<b>MIM</b>	<a href="#">186711</a>
<b>Uniprot ID</b>	<a href="#">P26842</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Chromosome Location</b>	12p13
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
<b>Function</b>	cysteine-type endopeptidase inhibitor activity involved in apoptotic process; protein binding; receptor activity; transmembrane signaling receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA