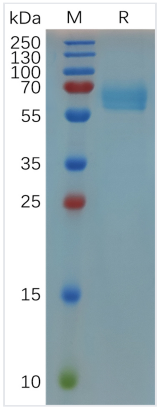
CD27 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	CD27, Recombinant Protein
Full Product Name	Mouse CD27 Protein, hFc Tag
Product Gene Name	CD27 recombinant protein
Product Synonym Names	S152; Tnfrsf7; Tp55
Host	HEK293
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Molecular Weight	28,164 Da
3D Structure	ModBase 3D Structure for P41272
Tag	C-Human Fc tag
Product Categories/Family for CD27 recombinant protein	Bioactive Protein
Related Product Information for CD27 recombinant protein	Recombinant mouse CD27 protein with C-terminal human Fc tag Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1.
Other Notes	Small volumes of CD27 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD27 purchase	MBS189218 is a recombinant protein targeting CD27. Also known as Mouse CD27 Protein, hFc Tag. Host: HEK293.



SDS-Page of CD27 recombinant protein
Figure 1. Mouse CD27 Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD27. It may not necessarily be applicable to this product.

NCBI GI #	729080
NCBI GeneID	21940
NCBI Accession #	P41272.1
UniProt Primary Accession #	P41272
UniProt Related Accession #	P41272
NCBI Official Full Name	CD27 antigen
NCBI Official Synonym Full Names	CD27 antigen
NCBI Official Symbol	Cd27
NCBI Official Synonym Symbols	S152; Tp55; Tnfrsf7
UniProt Protein Name	CD27 antigen
UniProt Synonym Protein Names	CD27L receptor; T-cell activation antigen CD27; Tumor necrosis factor receptor superfamily member 7; CD_antigen: CD27
Protein Family	CD27 antigen
UniProt Gene Name	Cd27
UniProt Synonym Gene Names	Tnfrsf7
UniProt Entry Name	CD27_MOUSE
NCBI Protein Information	CD27 antigen; CD antigen 27; CD27L receptor; T-cell activation antigen CD27; tumor necrosis factor receptor superfamily member 7; tumor necrosis factor receptor superfamily, member 7
UniProt Comments for CD27	CD27: Receptor for CD70/CD27L. May play a role in survival of activated T-cells. May play a role in apoptosis through association with SIVA1. Protein type: Receptor, cytokine; Membrane protein, integral; Apoptosis Cellular Component: cell surface; membrane; cell; integral to membrane; external side of plasma membrane Molecular Function: protein binding; caspase inhibitor activity Biological Process: B cell proliferation; positive regulation of T cell differentiation; apoptosis; immunoglobulin secretion; positive regulation of JNK cascade; negative regulation of caspase activity; negative regulation of apoptosis; positive regulation of interferon-gamma biosynthetic process
Research Articles on CD27	**1.** memory CD8 T cells, generated through priming with CD27 agonists, proliferated more extensively than did 4-1BB-generated memory cells, but these cells failed to persist.
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