

Recombinant Mouse Cd27 Protein, His&GST-tagged

Cat. No. Cd27-365M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd27 Protein (Pro24-Arg182) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro24-Arg182
Description	Predicted to enable cysteine-type endopeptidase inhibitor activity involved in apoptotic process. Involved in negative regulation of apoptotic process and positive regulation of JNK cascade. Acts upstream of or within negative regulation of T cell apoptotic process. Located in external side of plasma membrane. Is expressed in several structures, including femur; hemolymphoid system; intestine; pituitary gland; and reproductive system. Human ortholog(s) of this gene implicated in lymphoproliferative syndrome 2. Orthologous to human CD27 (CD27 molecule).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.8 kDa Accurate Molecular Mass: 50 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Cd27 CD27 antigen [Mus musculus (house mouse)]
Official Symbol	Cd27
Synonyms	CD27; 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; S152; Tp55; Tnfrsf7
Gene ID	21940
mRNA Refseq	NM_001033126
Protein Refseq	NP_001028298

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