Recombinant Mouse Cd55 Protein, His-tagged

Cat. No. Cd55-695M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd55(Pro47~Glu286) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro47~Glu286
Description	This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. The encoded preproprotein undergoes post-translational processing to generate a mature polypeptide anchored to the plasma membrane via a glycosylphosphatidylinositol moiety. Erythrocytes from mice deficient in the encoded protein exhibit impaired regulation of complement activation resulting in enhanced complement deposition. Mice lacking the encoded protein exhibit enhanced susceptibility to experimentally induced myasthenia gravis. This gene is located adjacent to a closely related gene on chromosome 1.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.1kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1μg (determined by the LAL method)

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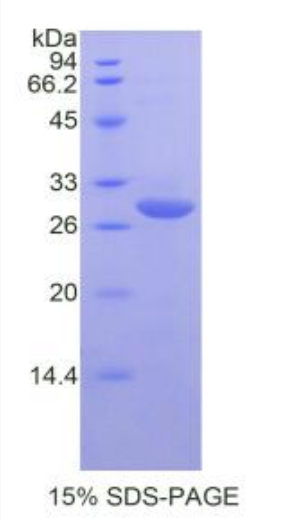
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein 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.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Cd55 CD55 antigen [Mus musculus]
Official Symbol	Cd55
Synonyms	CD55; CD55 antigen; complement decay-accelerating factor, GPI-anchored; Cromer blood group; GPI anchor addition signal; decay accelerating factor 1; complement-glycosylphosphatidylinositol; Daf; Daf1; Daf-GPI; GPI-DAF;
Gene ID	13136
mRNA Refseq	NM_010016
Protein Refseq	NP_034146

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UniProt ID	Q61475



15% SDS-PAGE

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