

Cd55 recombinant protein

Cd55, 35-362aa, Mouse, His tag, Baculovirus

CATALOG # AAA48921	HOST Baculovirus	APPLICATIONS SDS-Page
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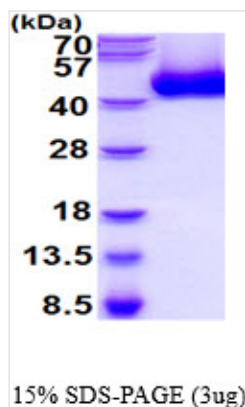
PRODUCT SYNONYMS

Cd55; 35-362aa; Mouse; His tag; Baculovirus; Complement decay-accelerating factor; GPI-anchored; Daf; Daf-GPI; Daf1; GPI-DAF; Cd55 recombinant protein

PRODUCT SPECIFICATIONS

Host	Baculovirus
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol.
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	DCGPPPDIPN ARPILGRHSK FAEQSKVAYS CNNGFKQVPD KSNIVVCLEN GQWSSHETFC EKSCVAPERL SFASLKKEYL NMNFFPVGTI VEYECRPGFR KQPPLPGKAT CLEDLVWSPV AQFCKKKSCP NPKDLNNGHI NIPTGILFGS EINFSCNPGY RLVGVSTFC SVTGNTVDWD DEFPVCTEIH CPEPPKINNG IMRGESDSYT YSQVVTYSCD KGFILVGNAS IYCTVSKSDV GQWSSPPPRC IEKSKVPTKK PTINVPSTGT PSTPQKPTTE SVPNPGDQPT PQKPSTVKVS ATQHVPVTKT TVRHPIRTST DKGEPNTGLE HHHHHH
Sequence Length	390
Applicable Applications for Cd55 recombinant protein	SDS-PAGE
Endotoxin Level	< 1.0 EU per 1 ug of protein (determined by LAL method)
Predicted N terminal	Asp 35
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cd55 recombinant protein	CD55, also known as Complement decay-accelerating factor, GPI-anchored, is a member of the RCA (regulators of complement activation) family characterized by four to 30 SCRs (short consensus repeats) in their plasma-exposed regions. It is physiologically acting as an inhibitor of the complement system, but is also broadly expressed in malignant tumours. Recombinant mouse CD55, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Product Categories/Family for Cd55 recombinant protein	Immunology
References	Lea S., et al. (2002) Biochem Soc Trans. 30:1014-1019.; Wang Y., et al. (2010) J Neuroinflammation. 7:24.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114326522
NCBI GeneID	13136
NCBI Accession #	NP_034146
NCBI GenBank Nucleotide #	NM_010016.3
UniProt Accession #	Q61475; P97732; Q3TU32; Q4FJS4; Q61397; Q76N72; Q921P0; Q9R1C1
Molecular Weight	36.8kDa (336aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Official Full Name	complement decay-accelerating factor, GPI-anchored preproprotein
NCBI Official Synonym Full Names	CD55 molecule, decay accelerating factor for complement
NCBI Official Symbol	Cd55
NCBI Official Synonym Symbols	Daf; Daf1; Daf-GPI; GPI-DAF
NCBI Protein Information	complement decay-accelerating factor, GPI-anchored
UniProt Protein Name	Complement decay-accelerating factor, GPI-anchored
UniProt Gene Name	Cd55
UniProt Synonym Gene Names	Cd55a; Daf; Daf1; DAF-GPI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd55-recombinant-protein-baculovirus-sds-page/48921>