

Product datasheet for **AR52064PU-N**

CD55 / DAF (35-362, His-tag) Mouse Protein

Product data:

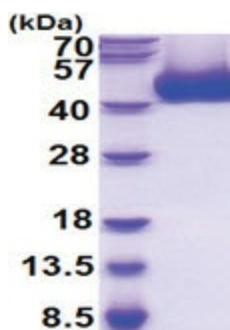
Product Type:	Recombinant Proteins
Description:	CD55 / DAF (35-362, His-tag) mouse protein, 0.25 mg
Species:	Mouse
Expression cDNA Clone or AA Sequence:	DCGPPPDIPN ARPILGRHSK FAEQSKVAYS CNNGFKQVPD KSNIVCLEN GQWSSHETFC EKSCVAPERL SFASLKKEYL NMNFFPVGTI VEYECRPGFR KQPPLPGKAT CLEDLVWSPV AQFCKKSCNP KDKLDNGHI NIPTGILFGS EINFSCNPGY RLVGVSSTFC SVTGNTVDWD DEFVCTEIH CPEPPKINNG IMRGESDSYT YSQVWTYSCD KGFILVGNAS IYCTVSKSDV GQWSSPPRC IEKSKVPTKK PTINVPSTGT PSTPQKPTTE SVPNPGDQPT P QKPSTVKVS ATQHVPVTKT TVRHPIRTST DKGEPNTGLE HHHHHH
Tag:	His-tag
Predicted MW:	36.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Endotoxin:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_034146
Locus ID:	13136
UniProt ID:	Q61475
Cytogenetics:	1 56.89 cM
Synonyms:	Daf; Daf-; Daf-GPI; Daf1; GPI-; GPI-DAF



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Summary:

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. [provided by RefSeq, Nov 2015]

Product images:

15% SDS-PAGE (3ug)