

Recombinant Guinea Pig CD46 Protein (36-316 aa), His-tagged

Cat. No. CD46-2331G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Guinea Pig (<i>Cavia porcellus</i>) CD46 Protein (36-316 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Guinea Pig
Source	E.coli
ProteinLength	36-316 aa
Description	May be involved in the fusion of the spermatozoa with the oocyte during fertilization.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	35.4 kDa
AA Sequence	CVLPPPFAMEPINPKPYEIGEKVEYRCKKGYLRQPFYLMVATCEKNHSWVPITDD GCIKKQCTYLNPPPKGRVEYINGTRTWGDIVHFSCVEGFYVSGIAALSCELRGDNVD WNGRVPTCEKVLCSPPPKIQNGKYTFSDVQVFHEYFEAVTYSCTAVQGPDKLSLVGN EVLYCAGHQKWSSAAPECKVVKCPLPVVKNGKQISGLGQTFFYQATVTFQCLPGFY FNGSSTVVCSDNTWKPSIPECLKGPKPTHPTKPPVYNYPGYPNPREGIFDQELN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

Storage

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name

Cd46 CD46 antigen, complement regulatory protein [*Cavia porcellus*]

Official Symbol

CD46

Synonyms

CD46; membrane cofactor protein; membrane cofactor protein(GMP1-full); MCP;

Gene ID

100135498

mRNA Refseq

NM_001172928

Protein Refseq

NP_001166399

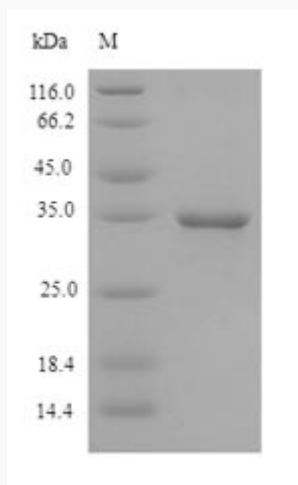
UniProt ID

P70105

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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