

Recombinant Mouse Membrane cofactor protein(Cd46) ,partial

Catalog No: #AP70138

Package Size: #AP70138-1 20ug #AP70138-2 100ug #AP70138-3 1mg

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Description

Product Name	Recombinant Mouse Membrane cofactor protein(Cd46) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:45-329aaSequence Info:Extracellular Domain
Other Names	CD46
Accession No.	O88174
Calculated MW	35.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	CELPRPFEAMELKGTPLFYAVGEKIEYKCKKGYLYLSPYLMATCEPNHTWVPISDAGCIKVQCTMLQDPSFG KVYYIDGSFSWGARAFTCMEGYYVVGMSVLHCVLKGDDDEAYWNGYPPHCEKIYCLPPPKIKNGTHTLTLDINV FKYHEAVSYSCDPTGPDKFSLVGTSMIFCAGHNTWSNSPPECKVVKCPNPVLQNGRLISGAGEIFSYQSTV MFECLQGFYMEGSSMVICSANNSWEPSIPKCLKGPRPTHPTKPPVYNYTGYPSPREGIFSQELDAW
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May be involved in the fusion of the spermatozoa with the oocyte during fertilization.

References

Disruption of mouse CD46 causes an accelerated spontaneous acrosome reaction in sperm.Inoue N., Ikawa M., Nakanishi T., Matsumoto M., Nomura M., Seya T., Okabe M.Mol. Cell. Biol. 23:2614-2622(2003)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.