Recombinant human CD59 glycoprotein

Catalog No: #AP72487

Package Size: #AP72487-1 20ug #AP72487-2 100ug #AP72487-3 1mg

Orders: order@signalwayantibody.com
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Description

Product Name	Recombinant human CD59 glycoprotein
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-102aaSequence Info:Full Length
Other Names	1F5 antigen20KDA homologous restriction factor ;HRF-20 ;HRF20MAC-inhibitory protein ;MAC-IPMEM43 antigen;Membrane attack complex inhibition factor ;MACIFMembrane inhibitor of reactive lysis ;MIRLProtectin; CD59
Accession No.	P13987
Uniprot	P13987
GeneID	966;
Calculated MW	11 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	LQCYNCPNPTADCKTAVNCSSDFDACLITKAGLQVYNKCWKFEHCNFNDVTTRLRENELTYYCCKKDLCNFN EQLEN
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

Potent inhibitor of the complent mbrane attack complex (MAC) action. Acts by binding to the C8 and,or C9 complents of the assbling MAC, thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. This inhibitor appears to be species-specific. Involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.The soluble form from urine retains its specific complent binding activity, but exhibits greatly reduced ability to inhibit MAC assbly on cell mbranes.

References

CD59, an LY-6-like protein expressed in human lymphoid cells, regulates the action of the complement membrane attack complex on homologous cells.Davies A., Simmons D.L., Hale G., Harrison R.A., Tighe H., Lachmann P.J., Waldmann H.J. Exp. Med. 170:637-654(1989)Research Topic:Cardiovascular

Note: This product is for in vitro research use only