

Recombinant bovine Mannose-binding protein C

Catalog No: #AP72664



Package Size: #AP72664-1 20ug #AP72664-2 100ug #AP72664-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant bovine Mannose-binding protein C
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:21-249aaSequence Info:Full Length
Other Names	Mannan-binding protein
Accession No.	O02659
Uniprot	O02659
GeneID	281297;
Calculated MW	26.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DTETENCENIRKTCPIVACGPPGINGIPGKDGRDGAKEKGEPEGQGLRGSQGGPKMGPQGTPGIPGIPGI GQKGDPPGENMGDYIRLATSERATLQSELNQIKNWLIFSLGKRVGKKAFFTNGKKMPFNEVKTLCAQFQGRVA TPMNAEENRALKDLVTEEAFLGITDQETEGKFVDLTGKGVTYQNWNDGEPNNASPGHEHCVTLLSDGTWNDIA CSASFLTVCEFSL
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

Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages .

References

Cloning and characterization of a cDNA encoding bovine mannan-binding protein.Kawai T., Suzuki Y., Eda S., Ohtani K., Kase T., Fujinaga Y., Sakamoto T., Kurimura T., Wakamiya N.Gene 186:161-165(1997)Research Topic:Others

Note: This product is for in vitro research use only