

# Recombinant mouse C-X-C motif chemokine 16 protein

Catalog No: #AP72071

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Package Size: #AP72071-1 20ug #AP72071-2 100ug #AP72071-3 1mg

## Description

Product Name	Recombinant mouse C-X-C motif chemokine 16 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-198aaSequence Info:Partial
Other Names	Scavenger receptor for phosphatidylserine and oxidized low density lipoprotein ;SR-PSOXSmall-inducible cytokine B16Transmembrane chemokine CXCL16
Accession No.	Q8BSU2
Uniprot	Q8BSU2
GeneID	66102;
Calculated MW	22.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	NQGSVAGSCSCDRTISSGTQIPQGTLDHIRKYLKAFHRCPPFFIRFQLQSKSVCGGSQDQWVRELVDCFERKE CGTGHGKSFHHQKHLPAQASTQTPEAAEGTPSDTSTPAHSQSTQHSSTLPSGALSLNKEHTQPWEMTTLPSPGY GLEARPEAEANEKQDDRRQEQEAPGAGAST
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

Induces a strong chotactic response. Induces calcium mobilization. Binds to CXCR6,Bonzo. Also acts as a scavenger receptor on macrophages, which specifically binds to OxLDL (oxidized low density lipoprotein), suggesting that it may be involved in pathophysiology such as atherogenesis.

## References

Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. , Teague B., Potamouis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Others

Note: This product is for in vitro research use only