

Recombinant Human C-C motif chemokine 8(CCL8)

Catalog No: #AP70130

Package Size: #AP70130-1 20ug #AP70130-2 100ug #AP70130-3 1mg

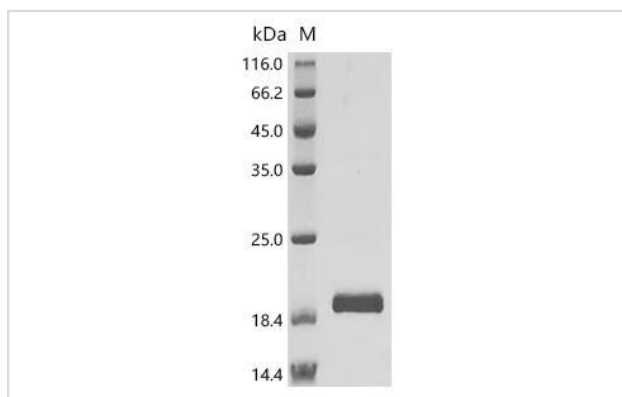
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Description

Product Name	Recombinant Human C-C motif chemokine 8(CCL8)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-99aaSequence Info:Full Length
Other Names	HC14;Monocyte chemoattractant protein 2;Monocyte chemotactic protein 2 ;MCP-2;Small-inducible cytokine A8
Accession No.	P80075
Uniprot	P80075
GeneID	6355;
Calculated MW	Predicted band size: 6.9 kDa Observed band size: 19 kDa
Tag Info	C-terminal 6xHis-tagged
Target Sequence	QPDSVSIPIITCCFNVINRKIPIQRLESYTRITNIQCPKEAVIFKTKRGKEVCADPKERWVRDSMKHLDQIFQNLKP
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.

Images



Observed band size: 19 kDa

The B reducing B (R) B protein B migrates B as B 19 B kDa B in B SDS-PAGE B may B be B due B to B molecular B structure B of B protein. B

Background

Chotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils. May play a role in neoplasia and inflammatory host responses. This protein can bind heparin. The processed form MCP-2(6-76) does not show monocyte chotactic activity, but inhibits the chotactic effect most predominantly of CCL7, and also of CCL2 and CCL5 and CCL8.

References

Complete crystal structure of monocyte chemotactic protein-2, a CC chemokine that interacts with multiple receptors. Blaszczyk J., Coillie E.V., Proost P., Damme J.V., Opdenakker G., Bujacz G.D., Wang J.M., Ji X. *Biochemistry* 39:14075-14081(2000)
Research Topic: Immunology

Note: This product is for in vitro research use only