

Recombinant mouse C-C motif chemokine 2

Catalog No: #AP72055



Package Size: #AP72055-1 20ug #AP72055-2 100ug #AP72055-3 1mg

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Description

Product Name	Recombinant mouse C-C motif chemokine 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:24-96aaSequence Info:Partial
Other Names	HC11Monocyte chemoattractant protein 1Monocyte chemotactic and activating factor ;MCAFMonocyte chemotactic protein 1 ;MCP-1Monocyte secretory protein JESmall-inducible cytokine A2
Accession No.	P10148
Uniprot	P10148
GeneID	20296;
Calculated MW	12.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	QPDAINAPVTCCYNFTNRKISVQRLASYRRITSSKCPKEAVIFKTIVAKEICADPKQKWVQDMSMDHLDKQTQT
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

Chotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils. Augments monocyte anti-tumor activity. Has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.

References

"Deletion of the NH2-terminal residue converts monocyte chemotactic protein 1 from an activator of basophil mediator release to an eosinophil chemoattractant."Weber M., Uguccioni M., Baggiolini M., Clark-Lewis I., Dahinden C.A.J. Exp. Med. 183:681-685(1996)Research Topic:Others

Note: This product is for in vitro research use only