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**Product Data Sheet**

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Product Name: MCP 4 Human, His  
Cat. No.: GP21161  
Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CKb10; MCP-4; NCC-1; NCC1; SCYA1; SCYL1; CK-beta-10; Small-inducible cytokine A13.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MQPDALNVPS TCCFTFSSKK ISLQRLKSYV ITTSRCPQKA VIFRTKLGKE ICADPKEKWV QNYMKHLGRK.AHTLKT		
Formulation	The His Tag 0.25mg/ml MCP4 protein solution contains PBS pH-7.4, 1mM DTT, 0.1M NaCl and 10% glycerol.		

**Introduction**

CCL13 chemokine is part of the CC chemokine family (TARC). CCL13 protein induces chemotaxis in monocytes, eosinophils, T lymphocytes, and basophils by binding cell surface G-protein linked chemokine receptors such as CCR2, CCR3 and CCR5. CCL13 is induced by the inflammatory cytokines IL1 & TNFA.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

**Background**

MCP4 Human Recombinant produced in E.Coli is a non-glycosylated, Polypeptide chain containing 96 amino acids (24-98) and having a molecular mass of 10.8 kDa. The MCP-4 is fused to 21 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA