

Recombinant Human Monocyte Chemotactic Protein-4/CCL13



Catalog No: #AP60305

Orders: order@signalwayantibody.com

Package Size: #AP60305-1 5ug #AP60305-2 100ug #AP60305-3 500ug

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Monocyte Chemotactic Protein-4/CCL13
Host Species	Escherichia coli.
Purification	> 96 % by SDS-PAGE and HPLC analyses.
Other Names	CK-beta-10, NCC-1, Small-inducible cytokine A13
Uniprot	Q99616
GeneID	6357
Calculated MW	Approximately 8.6 kDa, a single non-glycosylated polypeptide chain containing 75 amino acids.
Target Sequence	QPDALNVPST CCFTFSSKKI SLQRLKSYVI TTSRCPQKAV IFRTKLGKEI CADPKEKWVQ NYMKHLGRKA HTLKT
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 130 mM NaCl.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.- 12 months from date of receipt, -20 to -70 °C as supplied.- 1 month, 2 to 8 °C under sterile conditions after reconstitution.- 3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

Human CCL13 is belonging to the CC chemokine family and is encoded by the gene CCL13 in humans. CCL13 (MCP-4) shares 56-61 % sequence identity with MCP-1 (CCL2) and MCP-3 (CCL7) and is 60 % identical to Eotaxin (CCL11). CCL13 was a potent chemoattractant for monocytes and eosinophils and stimulated histamine release from basophils. CCL13 can induce a calcium flux in HEK-293 cells transfected with the receptor CCR2B and CCR3. That shows the function receptors of CCL3 are CCR2B and CCR3.

Note: This product is for in vitro research use only