

Product Datasheet

Recombinant Human MIP-3 alpha (rHuMIP-3a/CCL20) (orb1494948)

Description	MIP-3 alpha/CCL20, also known as LARC (Liver and Activation-regulated Chemokine) and as Exodus, is a CC chemokine that is expressed in the liver, lymph nodes, appendix, PBL and lung and can signal through the CCR6 receptor. MIP-3 alpha is chemotactic towards lymphocytes and dendritic cells. Additionally, it promotes the adhesion of memory CD4+ T cells and inhibits colony formation of bone marrow myeloid immature progenitors.
Endotoxins	Less than 1EU/mg of rHuMIP-3a/CCL20 as determined by LAL method.
Preservatives	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 100mM NaCl.
Form/Appearance	Lyophilized from a 0.2mm filtered concentrated solution in 20mM PB, pH 7.4, 100mM NaCl.
Storage	This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.
Note	For research use only
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.
Protein Sequence	ASNFDCCLGYTDRILHPKFIVGFTRQLANEGCDINAIIFHTKKKLSVCANPKQTWVKYIVRLLS KKVKNM
Purity	> 97% by SDS-PAGE and HPLC analyses.
Source	Escherichia coli.

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MW	8.0 kDa, a single non-glycosylated polypeptide chain containing 70 amino acids.
Expiration Date	6 months from date of receipt.

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