

# Recombinant Human MIP-3 $\alpha$

<b>CATALOG #:</b>	4491-20	20 $\mu$ g
	4491-100	100 $\mu$ g
	4491-1000	1 mg
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>97% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per $\mu$ g.	
<b>MOL. WEIGHT:</b>	8.0 kDa	
<b>FORM:</b>	Sterile filtered and lyophilized with no additives	
<b>RECONSTITUTION:</b>	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.	
<b>STORAGE CONDITIONS:</b>	The lyophilized protein is best-stored desiccated below 0°C. Reconstituted human MIP-3 $\alpha$ should be stored in working aliquots at -20°C. Avoid freeze/thaw cycles. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.	
<b>DESCRIPTION:</b>	Human macrophage inflammatory protein-3 alpha (MIP-3 alpha, Exodus, LARC) is a member of the beta-chemokine (C-C) family of cytokines. Recombinant human MIP-3 alpha is a 8.0 kDa protein containing 70 amino acid residues.	
<b>BIOLOGICAL ACTIVITY:</b>	Determined by its ability to chemoattract human T cells using a concentration range of 7-70 ng/ml.	
<b>USAGE:</b>	<i>For research use only! Not to be used in humans.</i>	

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- Mitochondrial Apoptosis Kits & Reagents
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- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

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- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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