

HB220505

Recombinant Human Macrophage Inflammatory Protein-3/CCL23 (Human MIP-3/CCL23)

Product Information

Product Name	Cat#	Size
Recombinant Human Macrophage Inflammatory Protein-3/CCL23 (Human MIP-3/CCL23)	90968ES08	5 µg
	90968ES60	100 µg
	90968ES76	500 µg

Product Description

CCL23 is a member of CC chemokine family and is encoded by CCL23 gene located on Chr.17 in humans, where near several other CC chemokines. Highly expressed in adult lung, liver, skeletal muscle and pancreas, this protein shows strong chemotactic activity for monocytes, resting T-lymphocytes, and neutrophils, but not for activated lymphocytes. It elicits the effects by binding to CCR1. CCL23 is reported that it can be cleaved into four forms: CCL23 (19-99), CCL23 (22-99), CCL23 (27-99), CCL23 (30-99).

Product Properties

Synonyms	CK-BETA-8; Ckb-8; Ckb-8-1; hmrp-2a; MIP-3; MIP3 ; MPIF-1; MPIF1; SCYA23
Accession	P55773
GeneID	6368
Source	E.coli-derived human Macrophage Inflammatory Protein-3, Arg22-Asn120
Molecular Weight	Approximately 11.4 kDa.
AA Sequence	RVTKDAETEF MMSKLPLENP VLLDRFHATS ADCCISYTPR SIPCSLLESY FETNSECSKP GVIFLTKKGR RFCANPSDKQ VQVCMRMLKL DTRIKTRKN
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration of 10-50 ng/ml.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM PB, pH 7.4, 150 mM NaCl. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	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.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.
2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.