Recombinant Human CCL15/MIP-1δ Protein (Trx Tag)

RPES8121

Product Information

Product SKU:	RPES8121	**Expression Host**:	E.coli	**Size**:	20µg
Tag:	N-Trx	**Reactivity**:	Human	**Accession**:	Q16663

Additional Information

Calculated MW:	30 kDa	**Observed MW:**	31 kDa
Sequence:	Gln22-Iie113		

Protein Information

Background: Chemokines are a family of small chemotactic cytokines, or proteins secreted by cells. Chemokines share the same structure similarities such as small size, and the presence of four cysteine residues in conserved locations in order to form their 3-dimensional shape. Some of the chemokines are considered pro-inflammatory which can be induced to recruit cells of the immune system to a site of infection during an immune response, while others are considered homeostatic and are implied in controlling the migration of cells during normal processes of tissue maintenance and development. There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28. Chemokine ligand 15 (CCL15/MIP-1δ), also known as leukotactin-1, MIP5, MIP1 and HCC-2, is a small cytokine belonging to the C-C chemokine family. CCL15/MIP-1δ is prevantly expressed in liver, small intestine, colon, and in certain leukocytes and macrophages of the lung. It is chemotactic for neutrophils, monocytes, and lymphocytes and elicits its effects by binding to cell surface chemokine receptors like CCR1 and CCR3.

Synonyms: CCL, HCC, LKN, Leukotactin, Chemokine CC, SCYA, C-C motif chemokine, Small-inducible cytokine A, Macrophage inflammatory protein, C-C motif chemokine 15, Chemokine CC-2, HCC-2, Leukotactin-1, LKN-1, Macrophage inflammatory protein 5,

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	MIP-1 delta, MIP-5, Mrp-2b, NCC-3, Small-inducible cytokine A15, MIP5, NCC3, SCYA15, CCL15, HMRP-2B, MIP-1d, SCYL3
Endotoxin:	< 10 EU/mg of the protein as determined by the LAL method
Formulation:	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Purity:	> 90% as determined by reducing SDS-PAGE.
Bio-Activity:	Not validated for activity
Storage:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.

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