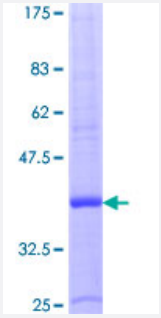
Full-Length

CCL15 (Human) Recombinant Protein (P01)

Catalog # H00006359-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL15 full-length ORF (NP_004158.2, 1 a.a. - 113 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MKVSVAALSCLMLVAVLGSQAQFINDAETELMMSKLPLENPVVLNSFHFAADCCTSYISQSIPCS LMKSYFETSSECSKPGVIFLTKKGRQVCAKPSGPGVQDCMKKLKPYSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.6
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCL15

Entrez GeneID	6359
GeneBank Accession#	NM_004167.3
Protein Accession#	NP_004158.2
Gene Name	CCL15
Gene Alias	HCC-2, HMRP-2B, LKN1, Lkn-1, MIP-1d, MIP-5, NCC-3, NCC3, SCYA15, SCYL3, SY15
Gene Description	chemokine (C-C motif) ligand 15
Omim ID	601393
Gene Ontology	Hyperlink
Gene Summary	This gene, CCL15, is one of several CC cytokine genes clustered on 17q11.2. The CC cytokines are secreted proteins characterized by two adjacent cysteines. The cytokine encoded by this gene is chemotactic for T cells and monocytes and induces N-acetyl-beta-D-glucosaminidase release in monocytes. It induces changes in intracellular calcium concentration in monocytes and is thought to act through the CCR1 receptor. Read-through transcripts are expressed that include exons from the downstream cytokine gene CCL14, and are represented as GeneID: 348249. [provided by RefSeq
Other Designations	CC chemokine 3|MIP-1 delta|OTTHUMP00000163955|chemokine CC-2|leukotactin 1|macrophage inflammatory protein 5|small inducible cytokine subfamily A (Cys-Cys), member 15

Pathway

- Chemokine signaling pathway

- Cytokine-cytokine receptor interaction

Disease

- Asthma
- Bronchiolitis
- Genetic Predisposition to Disease
- Infant
- Respiratory Syncytial Virus Infections
- Tobacco Use Disorder