

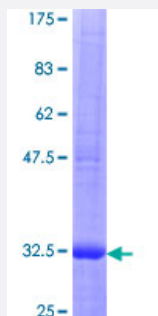
Full-Length

CCL3 (Human) Recombinant Protein (P01)

Catalog # H00006348-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL3 full-length ORF (NP_002974.1, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQVSTAALAVLLCTMALCNQFSASLAADTPTACCFSTSRQIPQNFIADYFETSSQCCKPGVIFLT KRSRQVCADPSEEWWQKYVSDLELSA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.5
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 — CCL3

Entrez GeneID	6348
GeneBank Accession#	NM_002983.1
Protein Accession#	NP_002974.1
Gene Name	CCL3
Gene Alias	G0S19-1, LD78ALPHA, MIP-1-alpha, MIP1A, SCYA3
Gene Description	chemokine (C-C motif) ligand 3
Omim ID	182283 609423
Gene Ontology	Hyperlink
Gene Summary	Macrophage inflammatory protein-1 is a so-called monokine that is involved in the acute inflammatory state in the recruitment and activation of polymorphonuclear leukocytes (Wolpe et al., 1988 [PubMed 3279154]). Sherry et al. (1988) [PubMed 3058856] demonstrated 2 protein components of MIP1, called by them alpha and beta.[supplied by OMIM]
Other Designations	LD78 alpha beta small inducible cytokine A3 (homologous to mouse Mip-1a)

Publication Reference

- [NK cell intrinsic regulation of MIP-1 \$\alpha\$ by granzyme M.](#)

Baschuk N, Wang N, Watt SV, Halse H, House C, Bird PI, Strugnell R, Trapani JA, Smyth MJ, Andrews DM.
Cell Death & Disease 2014 Mar; 5:e1115.

Application: WB-Ce, Mouse, Nk cells

Pathway

- [Chemokine signaling pathway](#)
- [Cytokine-cytokine receptor interaction](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Arthritis](#)
- [Carpal Tunnel Syndrome](#)
- [Connective Tissue Diseases](#)
- [Fetal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Multiple Sclerosis](#)
- [Musculoskeletal Diseases](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)
- [Skin Diseases](#)
- [Tuberculosis](#)