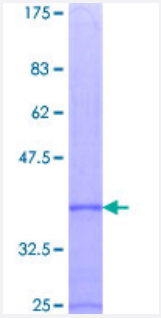
Full-Length

CCL7 (Human) Recombinant Protein (P01)

Catalog # H00006354-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CCL7 full-length ORF (NP_006264.2, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKASAALLCLLLTAAAFSPQGLAQPVGINTSTTCCYRFINKKIPKQRLESYRRTTSSHCPREAVIFKT KLDKEICADPTQKWVQDFMKHLDKKTQTPKL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.6
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.

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Applications

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

Gene Info — CCL7

Entrez GeneID	6354
GeneBank Accession#	NM_006273.2
Protein Accession#	NP_006264.2
Gene Name	CCL7
Gene Alias	FIC, MARC, MCP-3, MCP3, MGC138463, MGC138465, NC28, SCYA6, SCYA7
Gene Description	chemokine (C-C motif) ligand 7
Omim ID	158106
Gene Ontology	Hyperlink
Gene Summary	This gene encodes monocyte chemotactic protein 3, a secreted chemokine which attracts macro phages during inflammation and metastasis. It is a member of the C-C subfamily of chemokines which are characterized by having two adjacent cysteine residues. The protein is an in vivo substr ate of matrix metalloproteinase 2, an enzyme which degrades components of the extracellular mat rix. This gene is part of a cluster of C-C chemokine family members on chromosome 17q. [provid ed by RefSeq
Other Designations	monocyte chemoattractant protein 3|monocyte chemotactic protein 3|small inducible cytokine A7 (monocyte chemotactic protein 3)

Pathway

- Chemokine signaling pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Cytokine-cytokine receptor interaction

Disease

- Arthritis
- Asthma
- Birth Weight
- Bronchiolitis
- Crohn Disease
- Disease Progression
- Encephalomyelitis
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- HIV Infections
- Infant
- Leukemia
- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Ovarian Neoplasms
- Respiratory Syncytial Virus Infections

Copyright © 2023 Abnova Corporation. All Rights Reserved.