

Leukocyte cell-derived chemotaxin 1 Recombinant Protein | LECT1 recombinant protein

Recombinant Human Leukocyte cell-derived chemotaxin 1

CATALOG # AAA114620	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

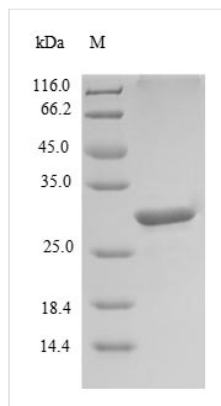
PRODUCT SYNONYMS

Leukocyte cell-derived chemotaxin 1; Recombinant Human Leukocyte cell-derived chemotaxin 1; Cleaved into the following 2 chains: 1. Chondrosurfactant protein; 2. CH-SP 3. Chondromodulin-1; Chondromodulin-I; ChM-I; LECT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	215-334aa; Partial
Sequence	EVVRKIVPTT TKRPHSGPRS NPGAGRLNNE TRPSVQEDSQ AFNPDNPYHQ QEGESMTFDP RLDHEGICCI ECRRSYTHCQ KICEPLGGYY PWPYNYQGCR SACRVIMPCS WWVARILGMV
Sequence Length	334
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LECT1 recombinant protein	Bifunctional growth regulator that stimulates the growth of cultured chondrocytes in the presence of basic fibroblast growth factor (FGF) but inhibits the growth of cultured vascular endothelial cells. May contribute to the rapid growth of cartilage and vascular invasion prior to the replacement of cartilage by bone during endochondral bone development. Inhibits in vitro tube formation and mobilization of endothelial cells. Plays a role as antiangiogenic factor in cardiac valves to suppress neovascularization.
Product Categories/Family for LECT1 recombinant protein	Cancer

References	"Expression of cartilage-specific functional matrix chondromodulin-I mRNA in rabbit growth plate chondrocytes and its responsiveness to growth stimuli in vitro." Shukunami C., Hiraki Y. Biochem. Biophys. Res. Commun. 249:885-890(1998)
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	59806343
NCBI GeneID	11061
NCBI Accession #	NP_001011705.1
NCBI GenBank Nucleotide #	NM_001011705.1
UniProt Accession #	O75829; Q5TAM4; Q8TAY6; Q9UM18
Molecular Weight	29.8 kDa
NCBI Official Full Name	leukocyte cell-derived chemotaxin 1 isoform 2
NCBI Official Synonym Full Names	leukocyte cell derived chemotaxin 1
NCBI Official Symbol	LECT1
NCBI Official Synonym Symbols	CHM1; CHM-I; BRICD3; MYETS1
NCBI Protein Information	leukocyte cell-derived chemotaxin 1
UniProt Protein Name	Leukocyte cell-derived chemotaxin 1
UniProt Gene Name	LECT1
UniProt Synonym Gene Names	CHMI; CH-SP; ChM-I
UniProt Entry Name	LECT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.