

Recombinant Human LECT2 Protein, His-tagged

Cat. No. LECT2-2390H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LECT2 Protein (Gly19-Leu151) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly19-Leu151
Description	This gene encodes a secreted, 16 kDa protein that acts as a chemotactic factor to neutrophils and stimulates the growth of chondrocytes and osteoblasts. This protein has high sequence similarity to the chondromodulin repeat regions of the chicken myb-induced myeloid 1 protein. A polymorphism in this gene may be associated with rheumatoid arthritis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.6 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

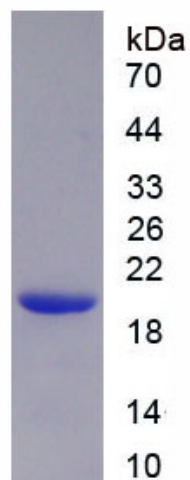
GENE INFORMATION

Gene Name	LECT2 leukocyte cell-derived chemotaxin 2 [Homo sapiens (human)]
Official Symbol	LECT2
Synonyms	LECT2; leukocyte cell-derived chemotaxin 2; leukocyte cell-derived chemotaxin-2; chm II; chm2; chondromodulin-II; chm-II; MGC126628;
Gene ID	3950
mRNA Refseq	NM_002302
Protein Refseq	NP_002293
MIM	602882
UniProt ID	O14960

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