

Recombinant Full Length Human COLEC12 Protein, GST-tagged

Cat. No. COLEC12-2196HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COLEC12 full-length ORF (NP_110408.2, 1 a.a. - 622 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	622 amino acids
Description	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequences and carbohydrate recognition domains. This protein is a scavenger receptor, a cell surface glycoprotein that displays several functions associated with host defense. It can bind to carbohydrate antigens on microorganisms, facilitating their recognition and removal. It also mediates the recognition, internalization, and degradation of oxidatively modified low density lipoprotein by vascular endothelial cells. [provided by RefSeq, Oct 2011]
Molecular Mass	93.5 kDa
AA Sequence	MKDDFAEEEEVQSFQYKRFQIQEGTQCTKCKNNWALKFSIILLYILCALLTITVAILGY KVVEKMDNVTGGMETSQRQTYDDKLTAVESDLKKLGDQTGKKAISTNSELSTFRSDIL DLRQQQLREITEKTSKNKDTLEKLQASGDALVDRQSQLKETLENNNSFLITTVNKTLLQAY NGYVTNLQQDTSVLQGNLQNQMYSHNVVIMNLLNNLTQVQQRNLITNLQRSVDDT SQAIQRIKNDFQNLQQVFLQAKKDTDWLKEKVQSLQTLAANNNSALAKANNDTLED

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NSQLNSFTGQMENITTISQANEQNLKDLQDLHKDAENRTAIKFNQLEERFQLFETDIV
 NIISNISYTAHHLRTLTSNLNEVRTTCTDTLTKHTDDLTLNNTLANIRLDSVSLRMQQ
 DLMRSRLDTEVANLSVIMEEMKLVDSKHGQLIKNFTILQGPPGPRGPRGDRGSQGP
 PGPTGNKGQKGEKGEPGPPGPAGERGPIGPAGPPGERGGKSGSKGSQGPKGSRG
 SPGKPGPQGPSGDPGPPGPPGKEGLPGPQGPFGQLQGTVGEPGVPGPRGLP
 GLPGVPGMPGPKGPPGPPGPSGAVVPLALQNEPTAPEDNSKSKPSLQPGGQGS
 ACA

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

COLEC12 collectin sub-family member 12 [Homo sapiens]

Official Symbol

COLEC12

Synonyms

COLEC12; collectin sub-family member 12; collectin-12; CL P1; SCARA4; SRCL;
 hCL-P1; collectin placenta protein 1; nurse cell scavenger receptor 2; scavenger
 receptor class A, member 4; scavenger receptor with C-type lectin; CLP1; NSR2

Gene ID

81035

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mRNA Refseq	NM_130386
Protein Refseq	NP_569057
MIM	607621
UniProt ID	Q5KU26

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