

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 KVVEKMDNVTGGMETSQRQTYDDKLTAVESDLKKGQDTGKKAISTNSELSTFRSDIL DLRQQQLREITEKTSKNKDTLEKLGASGDALVDRQSQLKETLENNFLITTVNKTLLQAY NGYVTNLQQDTSVLQGNLQNMYSHNVVIMNLNLTQVQQRNLITNLQRSVDDT SQAIQRIKNDFFQNLQQVFLQAKKDTDWLKEKVQSLQTLAANNSALAKANNDTLEDM

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NSQLNSFTGQMENITTISQANEQNLKDLQDLHKDAENRTAIKFNQLEERFQLFETDIV
 NIISNISYTAHHLRTLTSNLNEVRTTCTDTLTKHTDDLTLNNTLANIRLDSVSLRMQQ
 DLMRSRLDTEVANLSVIMEEMKLVDSKHGQLIKNFTILQGPPGPRGPRGDRGSQGP
 PGPTGNKGQKGEKGEPPGPAGERGPIGPAGPPGERGGKGSKGSQGPKGSRG
 SPGKPGPQQPSGDPGPPGPPGKEGLPGPQQPPGFQGLQGTVGEPGVPGPRGLP
 GLPGVPGMPGPKGPPGPPGSGAVVPLALQNEPTPAPEDNSKSKPSLQPGGQGS
 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
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Protein Refseq	NP_569057
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MIM	607621
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UniProt ID	Q5KU26
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