

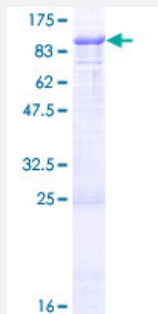
Full-Length

COLEC12 (Human) Recombinant Protein (P01)

Catalog # H00081035-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human COLEC12 full-length ORF (NP_110408.2, 1 a.a. - 622 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKDDFAEEEEVQSFGYKRFGIQEGTQCTKCKNNWALKFSIILLYILCALLTITVAILGYKVVEKMDNV
TGMETSRQTYDDKLTAVESDLKKLGDQTGKKAISTNSELSTFRSDILDLRQQLREITEKTSKNKD
TLEKLQASGDALVDRQSQLKETLENNFLITTVNKTQAYNGYVTNLQQDTSVLQGNLQNQMYSH
NVVIMNLNLTQVQQRNLTNLQRSVDDTSQAIQRIKNDNFQNLQQVFLQAKKDDWLKEKVQSL
QTLAANNSALAKANNDTLEDMNSQLNSFTGQMENITTISQANEQNLKDLQDLHKDAENRTAIKFNQ
LEERFQLFETDIVNIISNISYTAHHLRTLTSNLNEVRTTCTDTLTKHTDDLTLNNTLANIRLDSVSLRM
QQDLMRSLDTEVANLSVIMEEMKLVDKSHGQLIKNFTILQPPGPRGPRGDRGSQGPPGPTGN
KGQKGEKGEPGPPGPAGERGPIGPAGPPGERGGKGSKGSQGPKGSRGSPGKPGPQGPPSGDP
GPPGPPGKEGLPGPQGPPGFQGLQGTVGEPGVPGPRGLPGLPGVPGMPGPKGPPGPPGPPSG
AVVPLALQNEPTPAPEDNSKSKPSLQPGGQGSACA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

93.5

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.

Applications

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

Gene Info — COLEC12

Entrez GeneID	81035
GeneBank Accession#	NM_030781.2
Protein Accession#	NP_110408.2
Gene Name	COLEC12
Gene Alias	CLP1, NSR2, SCARA4, SRCL
Gene Description	collectin sub-family member 12
Omim ID	607621
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the C-lectin family, proteins that possess collagen-like sequence s and carbohydrate recognition domains. This protein is a scavenger receptor, a cell surface glycoprotein that can bind to carbohydrate antigens on microorganisms facilitating their recognition and removal. In addition, these receptors can recognize oxidized phospholipids so they may also participate in removing oxidatively damaged or apoptotic cells. [provided by RefSeq]
Other Designations	collectin placenta 1 nurse cell scavenger receptor 2 scavenger receptor class A, member 4 scavenger receptor with C-type lectin

Disease

- [Tobacco Use Disorder](#)