

## Product datasheet for **TP510412**

### Colec12 (NM\_130449) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse collectin sub-family member 12 (Colec12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from Mouse cDNA ORF Clone, MR210412, encoding Mouse full-length Colec12.
Tag:	C-MYC/DDK
Predicted MW:	81.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_569716</a>
Locus ID:	140792
UniProt ID:	<a href="#">Q8K4Q8</a>
RefSeq Size:	3322
Cytogenetics:	18 A1
RefSeq ORF:	2226
Synonyms:	CL-P1; Scara4; SRCL



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**Summary:**

Scavenger receptor that displays several functions associated with host defense. Promotes binding and phagocytosis of Gram-positive, Gram-negative bacteria and yeast. Binds also to sialyl Lewis X or a trisaccharide and asialo-orosomucoid (ASOR). Mediates the recognition, internalization and degradation of oxidatively modified low density lipoprotein (oxLDL) by vascular endothelial cells (By similarity). Binds to several carbohydrates including Gal-type ligands, D-galactose, L- and D-fucose, GalNAc, T and Tn antigens in a calcium-dependent manner and internalizes specifically GalNAc in nurse-like cells (By similarity).  
[UniProtKB/Swiss-Prot Function]