Active Recombinant Human COLEC12, His-tagged

Cat. No. COLEC12-533H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COLEC12 (Accession # EAX01728) Leu57-Leu742, fused with an N-terminal 9-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	57-742 a.a.
Predicted N Terminal	His
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized rhCL-P1 at 5 μg/mL (100 μl/well) can bind biotinylated advance glycation endproducts of bovine serum albumin (AGE-BSA) with a linear range of 3 - 200 ng/mL.
Molecular Mass	Recombinant Human COLEC12, His-tagged has a calculated MW of 76 kDa (monomer). In SDS-PAGE migrates as 125-130 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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
mRNA Refseq	NM_130386
Protein Refseq	NP_569057
MIM	607621
UniProt ID	Q5KU26
Chromosome Location	18pter-p11.3

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