

Recombinant Cynomolgus Colec12, His tagged

Cat. No. COLEC12-84C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Colec12 (F6RUR9) (Ala37-Leu678), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Cynomolgus
Source	Insect Cells
ProteinLength	37-678 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus COLEC12 comprises 658 amino acids and has a calculated molecular mass of 72.3 KDa. The apparent molecular mass of the protein is approximately 92 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

 Tel: 1-631-559-9269 1-516-512-3133

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

COLEC12?collectin sub-family member 12 [?Macaca fascicularis(crab-eating macaque)]

Official Symbol

Colec12

Gene ID

102143611

mRNA Refseq

XM_005587074

Protein Refseq

XP_005587131

Chromosome Location

18

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