Recombinant Mouse COLEC11 protein(Met1-Leu272), His-tagged

Cat. No. COLEC11-1137M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse COLEC11 (Q3SXB8-1) (Met1-Leu272) was expressed in Insect Cells with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Leu272
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse COLEC11 comprises 257 amino acids and has a predicted molecular mass of 27.70 kDa. The apparent molecular mass of the protein is approximately 33-37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Colec11 collectin sub-family member 11 [Mus musculus]
Official Symbol	COLEC11
Synonyms	COLEC11; collectin sub-family member 11; collectin-11; CL-K1; collectin kidney protein 1; 1010001H16Rik; MGC129470; MGC129471;
Gene ID	71693
mRNA Refseq	NM_027866
Protein Refseq	NP_082142

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