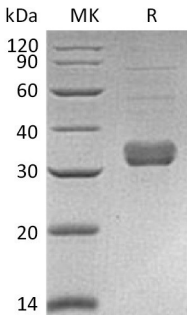
Product Name: Recombinant Mouse Collectin-11 (C-6His)
Catalog #: PHM1948

Summary

Name	Collectin-11/CL-K1/Colec11
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Collectin-11 is produced by our Mammalian expression system and the target gene encoding Gln27-Leu272 is expressed with a 6His tag at the C-terminus.
Accession #	Q3SXB8-1
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	27.1 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names	Collectin-11; Collectin Kidney Protein 1; CL-K1; Colec11
Background	Mouse Collectin Kidney Protein 1(CL-K1) is a approximately 27.1kD secreted protein and belongs to COLEC10/COLEC11 family, The collectins are a group of innate immune proteins structurally characterized by their content of a carbohydrate recognition domain and a collagen-like region. Collectin-11 are highly expressed in embryonic murine craniofacial cartilage, heart, bronchi, kidney and vertebral bodies. Collectins play important roles in the innate immune system by binding to carbohydrate antigens on microorganisms, facilitating their recognition and removal.

Note

For Research Use Only , Not for Diagnostic Use.