

Product Name: Recombinant Mouse CHI3L3 (C-6His)
Catalog #: PHM0404

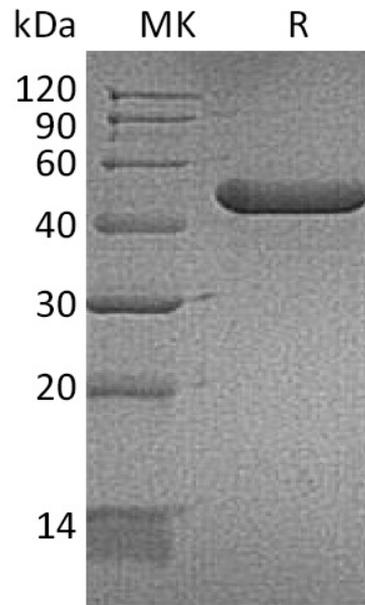


Summary

Name	Chitinase-Like Protein 3 /YM1/ECF-L/CHI3L3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Chitinase-Like Protein 3 is produced by our Mammalian expression system and the target gene encoding Tyr22-Tyr398 is expressed with a 6His tag at the C-terminus.
Accession #	O35744
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	43.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 6% Sucrose, 2% Glycine, 0.05% Tween 80, pH7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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Alternative Names

Chitinase-like protein 3; Chil3

Background

Chitinase 3-like 3 gene, also known as YM1 and ECF-L, encodes a precursor protein with 398 amino acid residues with a 21 residue signal sequence. Chitinase 3-like 3 protein is a lectin that binds saccharides with a free amino group, such as glucosamine or galactosamine. Binding to oligomeric saccharides is much stronger than binding to mono- or disaccharides. Also binds heparin and G1cN oligomers, and is produced primarily by macrophages during inflammation. It has chemotactic activity for T-lymphocytes, bone marrow cells and eosinophils.

Note

For Research Use Only , Not for Diagnostic Use.