

Product datasheet for **TP727774**

Chil3 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Chitinase-Like Protein 3 /YM1/ECF-L/CHI3L3 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Tyr22-Tyr398
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	12655
UniProt ID:	Q35744
Synonyms:	Chitinase-like protein 3; Chil3
Summary:	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.



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