

Recombinant Mouse Chit1 Protein, Myc/DDK-tagged

Cat. No. Chit1-2144M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chitinase 1 (chitotriosidase) (Chit1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Degrades chitin, chitotriose and chitobiose. May participate in the defense against nematodes and other pathogens.
Molecular Mass	51.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Chit1 chitinase 1 (chitotriosidase) [Mus musculus (house mouse)]
Official Symbol	Chit1
Synonyms	CHIT1; chitinase 1 (chitotriosidase); chitotriosidase-1; chitinase-1; 2300002L19Rik
Gene ID	71884
mRNA Refseq	NM_027979
Protein Refseq	NP_082255
UniProt ID	Q9D7Q1

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