

Recombinant Mouse Ctbs Protein, Myc/DDK-tagged

Cat. No. Ctbs-2353M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length chitobiase (Ctbs), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the degradation of asparagine-linked glycoproteins. Hydrolyze of N-acetyl-beta-D-glucosamine (1-4)N-acetylglucosamine chitobiose core from the reducing end of the bond, it requires prior cleavage by glycosylasparaginase.
Molecular Mass	35.3 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	Ctbs chitobiase [Mus musculus (house mouse)]
Official Symbol	Ctbs
Synonyms	CTBS; chitobiase, di-N-acetyl-; di-N-acetylchitobiase; CTB; 2210401K11Rik
Gene ID	74245
mRNA Refseq	NM_028836
Protein Refseq	NP_083112
UniProt ID	Q8R242

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