

Recombinant Human CTBS protein, His & T7-tagged

Cat. No. CTBS-1658H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTBS aa. (Glu47~Arg385 (Accession # Q01459)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Glu47~Arg385
Description	Chitobiase is a lysosomal glycosidase involved in degradation of asparagine-linked oligosaccharides on glycoproteins (Aronson and Kuranda, 1989 [PubMed 2531691]).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.7

GENE INFORMATION

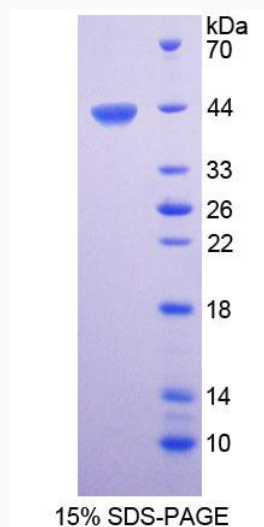
Gene Name	CTBS chitobiase [Homo sapiens (human)]
Official Symbol	CTBS
Synonyms	CTBS; chitobiase; CTB; di-N-acetylchitobiase; chitobiase, di-N-acetyl-
Gene ID	1486
mRNA Refseq	NM_004388.2
Protein Refseq	NP_004379.1
UniProt ID	Q01459

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SDS-PAGE



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