

Recombinant Human CTBS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTBS-729H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTBS MS Standard C13 and N15-labeled recombinant protein (NP_004379) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Chitobiase is a lysosomal glycosidase involved in degradation of asparagine-linked oligosaccharides on glycoproteins.
Molecular Mass	43.8 kDa
AA Sequence	MSRPQLRRWRLVSSPPSGVPGLALLALLALLALRLAAGTDCPCPEPELCRPIRHHPD FEVFDVVGQKTWKSVDWSQITTVATFGKYDSELMCYAHSKGARVVLKGDVSLKDII DPAFRASWIAQKLNLAQTQYMDGINIDIEQEVNCLSPEYDALTALVKETDTSFHREIE GSQVTFDVAWSPKNIDRRRCYNYTGIADACDFLFVMSYDEQSQIWSECIAAANAPYN QTLTGYNDYIKMSINPKKLVMGVPWYGIDYTCLNLSEDHVCTIAKVPFRGAPCSDAA GRQVPYKTIKQINSSISGNLWDKQDRAPYYNYKDPAGHFHQVWYDNPQSISLKAT YIQNYRLRGIGMWNANCLDYSQDAVAKQQTEEMWEVLKPKLLQRTTRTRPLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CTBS chitobiase [Homo sapiens (human)]

Official Symbol CTBS

Synonyms CTBS; chitobiase, di-N-acetyl-; CTB; di-N-acetylchitobiase;

Gene ID 1486

mRNA Refseq NM_004388

Protein Refseq NP_004379

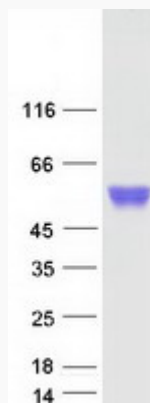
MIM 600873

UniProt ID Q01459

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SDS-PAGE

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