

Product datasheet for **TP320511**

CTBS (NM_004388) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chitobiase, di-N-acetyl- (CTBS), 20 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC220511 protein sequence
Red=Cloning site **Green**=Tags(s)

MSRPLRRLVSSPPSGVPLALLALLALLALRLAAGTDCPCPEPELCRPIRHHPDFEVFVFDVGQKTW
KSYDWSQITTVATFGKYDSELMCYAHSKGARVVLKGDVSLKDIIDPAFRASWIAQKLNLAKTQYMDGINI
DIEQEVNCLSPDYDALVKTETDSFHREIEGSQVTFDVAWSPKNIIDRRCYNYTGIADACDFLFVMSYD
EQSQIWSECIAAANAPYNQTLTGYN DYIKMSINPKKLVMGVPWYGYDYTCLNLSHDVCTIAKVPFRGAP
CSDAAGRQVPYKTIMKQINSSISGNLWDKDQRAPYYNYKDPAGHFHQVWYDNPQSISLKATYIQNYRLRG
IGMWNANCLDYSGDAVAKQTEEMWEVLKPKLLQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 43.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_004379](#)

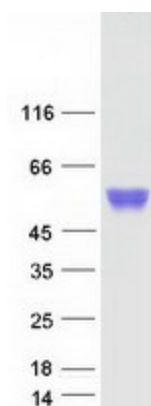
Locus ID: 1486



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UniProt ID:	<u>Q01459, Q8TC97</u>
RefSeq Size:	3152
Cytogenetics:	1p22.3
RefSeq ORF:	1155
Synonyms:	CTB
Summary:	Chitobiase is a lysosomal glycosidase involved in degradation of asparagine-linked oligosaccharides on glycoproteins (Aronson and Kuranda, 1989 [PubMed 2531691]).[supplied by OMIM, Nov 2010]

Product images:



Coomassie blue staining of purified CTBS protein (Cat# TP320511). The protein was produced from HEK293T cells transfected with CTBS cDNA clone (Cat# [RC220511]) using MegaTran 2.0 (Cat# [TT210002]).