

Product datasheet for PH320511

CTBS (NM_004388) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CTBS MS Standard C13 and N15-labeled recombinant protein (NP_004379)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220511
Predicted MW:	43.8 kDa
Protein Sequence:	>RC220511 protein sequence Red=Cloning site Green=Tags(s) MSRPQLRRWRLVSSPPSGVPLALLALLALLALRLAAGTDCPCPEPELCRPIRHHPDFEVFVFDVGQKTW KSYDWSQITTVATFGKYDSELMCYAHSKGARVVLKGDVSLKDIIDPAFRASWIAQKLNLAKTQYMDGINI DIEQEVNCLSPYDAL TALVKETTDSFHREIEGSQVTFDVAWSPKNIDRRCYNYTGIADACDFLFVMSYD EQSQIWSECIAAANAPYNQTLTGYN DYIKMSINPKKLVMGVPWYG YD YTCNLNLSHDVCTIAKVPFRGAP CSDAAGRQVPYKTIMKQINSSISGNLWDKDQRAPYYNYKDPAGHFHQVWYDNPQSI SLKATYIQNYRLRG IGMWNANCLDYSGDAVAKQQTEEMWEVLKPKLLQR TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004379</u>
RefSeq Size:	3152
RefSeq ORF:	1155
Synonyms:	CTB
Locus ID:	1486



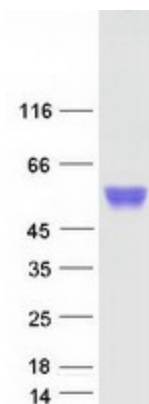
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UniProt ID: [Q01459](#), [Q8TC97](#)

Cytogenetics: 1p22.3

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]).