

Product datasheet for PH305748

CUTC (NM_015960) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CUTC MS Standard C13 and N15-labeled recombinant protein (NP_057044)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205748
Predicted MW:	29.3 kDa
Protein Sequence:	>RC205748 protein sequence Red=Cloning site Green=Tags(s) MKRQGASSERKRARIPSGKAGAANGFLMEVCVDSVESAVNAERGGADRIELCSGLSEGGTTPSMGVLQVV KQSVQIPVFMIRPRGGDFLYSDREIEVMKADIRLAKLYGADGLVFGALTEDGHIDKELCMSLMAICRPL PVTFHRAFDMVHDPMAALETLTLGFERVLTSGCDSSALEGLPLIKRLIEQAKGRIVVMPGGGITDRNLQ RILEGSGATEFHCSARSTRDSGMKFRNSSVAMGASLSCSEYSLKVTDVTKVRTLNAIAKNILV SGPTRTRPLEQKLI 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:	NP_057044
RefSeq Size:	1378
RefSeq ORF:	819
Synonyms:	CGI-32
Locus ID:	51076
UniProt ID:	Q9NTM9

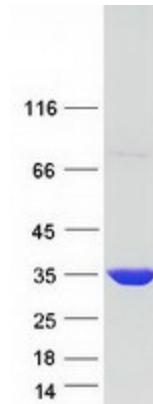


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Cytogenetics: 10q24.2

Summary: Members of the CUT family of copper transporters are associated with copper homeostasis and are involved in the uptake, storage, delivery, and efflux of copper (Gupta et al., 1995 [PubMed 7635807]; Li et al., 2005 [PubMed 16182249]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified CUTC protein (Cat# [TP305748]). The protein was produced from HEK293T cells transfected with CUTC cDNA clone (Cat# [RC205748]) using MegaTran 2.0 (Cat# [TT210002]).