

Product datasheet for PH308412

COMTD1 (NM_144589) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	COMTD1 MS Standard C13 and N15-labeled recombinant protein (NP_653190)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208412
Predicted MW:	28.8 kDa
Protein Sequence:	>RC208412 protein sequence Red =Cloning site Green =Tags(s)

MTQVPVRLSVPAALALGSAALGAATGLFLGRRCPWPWRGRREQCLLPEDSRLWQYLLSRSMREHPALR
 SLRLLTLEQPQGDMMTCEQAQLLANLARLIQAKKALDLGTFTGYSALALALALPADGRVVTCEVDAQPP
 ELGRPLWRQAEAEHKIDRLKPALETLDLLAAGEAGTFDVAVVDADKENC SAYYERCLQLLRPGGILAV
 LRVLWRGKVLQPPKGDVAAECVRNLNERIRRDVRVYISLLPLGDGLTLAFKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

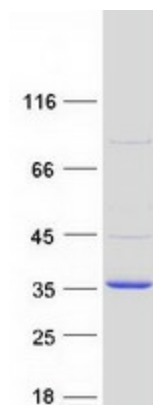
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_653190
RefSeq Size:	1041
RefSeq ORF:	786
Locus ID:	118881
UniProt ID:	Q86VU5
Cytogenetics:	10q22.2


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Summary: Putative O-methyltransferase.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified COMTD1 protein (Cat# [TP308412]). The protein was produced from HEK293T cells transfected with COMTD1 cDNA clone (Cat# [RC208412]) using MegaTran 2.0 (Cat# [TT210002]).