

Product datasheet for PH317831

MIA40 (CHCHD4) (NM_001098502) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CHCHD4 MS Standard C13 and N15-labeled recombinant protein (NP_001091972)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217831
Predicted MW:	15.8 kDa
Protein Sequence:	>RC217831 representing NM_001098502 Red=Cloning site Green=Tags(s) MSYCRQEGKDRIIFVTKEDHETPSSAELVADDPNDPYEEHGLILPNGNINWNCPLGGMASGPCGEQFKS AFSCFHYSTEEIKGSDCVDQFRAMQECMQKYPDLYPQEDEDEEEEREKKPAEQAEETAPIEATATKEEEG SS 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001091972
RefSeq Size:	1476
RefSeq ORF:	426
Synonyms:	MIA40; TIMM40
Locus ID:	131474
UniProt ID:	Q8N4Q1 , A0A024R2I5

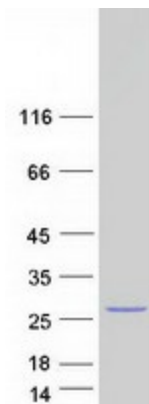


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Cytogenetics: 3p25.1

Summary: CHCHD4, a component of human mitochondria, belongs to a protein family whose members share 6 highly conserved cysteine residues constituting a -CXC-CX(9)C-CX(9)C- motif in the C terminus (Hofmann et al., 2005 [PubMed 16185709]).[supplied by OMIM, Mar 2008]

Product images:



Coomassie blue staining of purified CHCHD4 protein (Cat# [TP317831]). The protein was produced from HEK293T cells transfected with CHCHD4 cDNA clone (Cat# [RC217831]) using MegaTran 2.0 (Cat# [TT210002]).