

Product datasheet for PH300301

CLPP (NM_006012) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CLPP MS Standard C13 and N15-labeled recombinant protein (NP_006003)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200301
Predicted MW:	30.2 kDa
Protein Sequence:	>RC200301 protein sequence Red=Cloning site Green=Tags(s) MWPGILVGGARVASCYPALGPRLAAHFPAQRPPQRTLQNGLALQRCLHATATRALPLIPIVVEQTGRGE RAYDIYSRLLRERIVCVMGPIDDSVASLVIAQLLFLQSESNKKPIHMYINSPGGVVYTAGLAIYDTMQYIL NPICWCVGQAASMGSLLLAAGTPGMRHSLPNSRIMIHPQSGGARGQATDIAIQAEIIMKLLKQLYNIYA KHTKQSLQVIESAMERDRYMSPMEAQEFGILDKVLVHPPQDGEDEPTLVQKEPVEAAPAAEPVPAST 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_006003
RefSeq Size:	1194
RefSeq ORF:	831
Synonyms:	DFNB81; PRLTS3
Locus ID:	8192
UniProt ID:	Q16740



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Cytogenetics: 19p13.3

Summary: The protein encoded by this gene belongs to the peptidase family S14 and hydrolyzes proteins into small peptides in the presence of ATP and magnesium. The protein is transported into mitochondrial matrix and is associated with the inner mitochondrial membrane. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Product images:



Coomassie blue staining of purified CLPP protein (Cat# [TP300301]). The protein was produced from HEK293T cells transfected with CLPP cDNA clone (Cat# [RC200301]) using MegaTran 2.0 (Cat# [TT210002]).