

Product datasheet for PH313279

LHPP (NM_022126) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LHPP MS Standard C13 and N15-labeled recombinant protein (NP_071409)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213279
Predicted MW:	29.2 kDa
Protein Sequence:	>RC213279 protein sequence Red=Cloning site Green=Tags(s)
	MAPWGKRLAGVRGVLLDISGVL YDSGAGGTAIAGSVEAVARLKRSLKVRVFNESQKSRALVGLQR LGFDISEQEVTA PAPAACQILKERGLRPYLLIHDGVRSEFDQIDTSNPNCVVIADAGESFSYQNMNNAFQ VLMELEKPVLI SLGKGRYYKETSGLMLDVGPYMKALEYACGIKAEVVGKPSPEFFKSALQAIGVEAHQAV MIGDDIVGDVGGAQRCGMRALQVRTGKFRPSDEHHPEVKADGYVDNLAEAVDLLLQHADK
	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:	NP_071409
RefSeq Size:	1703
RefSeq ORF:	810
Synonyms:	HDHD2B
Locus ID:	64077
UniProt ID:	Q9H008



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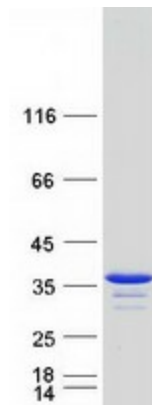
Cytogenetics: 10q26.13

Summary: Phosphatase that hydrolyzes imidodiphosphate, 3-phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency (By similarity).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Protein Pathways: Oxidative phosphorylation

Product images:



Coomassie blue staining of purified LHPP protein (Cat# [TP313279]). The protein was produced from HEK293T cells transfected with LHPP cDNA clone (Cat# [RC213279]) using MegaTran 2.0 (Cat# [TT210002]).