

Product datasheet for PH309471

ATPBD4 (DPH6) (NM_080650) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ATPBD4 MS Standard C13 and N15-labeled recombinant protein (NP_542381)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209471
Predicted MW:	30.3 kDa
Protein Sequence:	>RC209471 protein sequence Red=Cloning site Green=Tags(s)

MRVAALISGGKDCSCYNMMQICIAAGHQIVALANLRPAENQVGSDELDSYMYQTVGHHAIDL YAEAMALPLY
RRTIRGRSLDTRQVYTKCEGDEVEDLYELLKLVKEEVEGIVGAILSDYQRIRVENVCKRLNLQPLAY
LWQRNQEDLLREMISSNIQAMI I KVAALGLDPDKHLGKTL DQMEPYLIELSKKYGVHVCGEYETFTL
DCPLFKKKIIVDSSEVVIHSADAFAPVAYLRFLELHLEDKVSSVDPNYRTSNYIYNF

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_542381
RefSeq Size:	2139
RefSeq ORF:	801
Synonyms:	ATPBD4
Locus ID:	89978
UniProt ID:	Q7L8W6

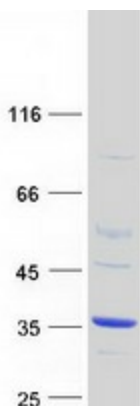


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Cytogenetics: 15q14

Summary: Amidase that catalyzes the last step of diphthamide biosynthesis using ammonium and ATP. Diphthamide biosynthesis consists in the conversion of an L-histidine residue in the translation elongation factor (EEF2) to diphthamide (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DPH6 protein (Cat# [TP309471]). The protein was produced from HEK293T cells transfected with DPH6 cDNA clone (Cat# [RC209471]) using MegaTran 2.0 (Cat# [TT210002]).