

Product datasheet for **TP309471L**

ATPBD4 (DPH6) (NM_080650) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ATP binding domain 4 (ATPBD4), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209471 protein sequence
Red=Cloning site **Green**=Tags(s)

MRVAALISGGKDCSCYNMMQCIAAGHQIVALANLRPAENQVGSDELDSYMYQTVGHHAIDLAEAMALPLY
RRTIRGRSLDTRQVYTKCEGDEVEDLYELLKLVKEKEEVEGISVGAILSQYRIRVENVCKRLNLQPLAY
LWQRNQEDLLREMISSNIQAMIIKVAALGLDPDKHLGKTLQMEPYLIELSKKYGVHVCGEGETFTL
DCPLFKKKIIVDSSEVIHSADAFAPVAYLRFLLEHLLEDKVSSVDPDNYRTSNYIYNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 30.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_542381](#)

Locus ID: 89978

UniProt ID: [Q7L8W6](#)



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RefSeq Size: 2139

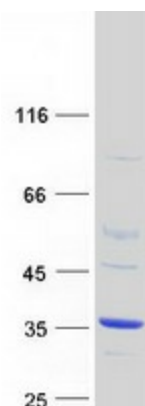
Cytogenetics: 15q14

RefSeq ORF: 801

Synonyms: ATPBD4

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]).