

Product datasheet for **TP502634**

Atpbd4 (BC022995) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse ATP binding domain 4 (cDNA clone MGC:35721 IMAGE:5363234), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR202634 protein sequence
Red=Cloning site **Green**=Tags(s)

MRVAALISGGKDCSCYNMMQCIAEGHQIVALANLRPDENQVESDELDSYMYQTVGHHAIDLAEAMALPLY
RRAIRGRSLETGRVYTQCEGDEVEDLYELLKLVKEKEEIEGVSVGAILSDYQRGRVENVCKRLNLQPLAY
LWQRNQEDLLREMIASNIKAIKVAALGLDPDKHLGKTLVEMEPYLLEGLFRSSHALSGCIRTCLGLSAA
LPAALGRESVSTCG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 25 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

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 after receiving vials.

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

Locus ID: 66632

UniProt ID: [Q9CQ28](#)

RefSeq Size: 2693



[View online »](#)

| | |
|----------------------|---|
| Cytogenetics: | 2 E4 |
| RefSeq ORF: | 675 |
| Synonyms: | 5730421E18Rik; 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 2 (EEF2) to diphthamide (By similarity).[UniProtKB/Swiss-Prot Function] |