

Product datasheet for TP526434

Pank2 (NM_153501) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse pantothenate kinase 2 (Pank2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR226434 protein sequence
Red=Cloning site Green=Tags(s)

MGAGRFGAPMERQGRAAATSAAVGESADSEARRRDPLRRRASSAAPSGSGEAEVRRRERPGSLGGSTSAG
RPRAEGLRKRRLFPWFGLDIGGTLVKLVYFEPKDITAEKEEVEESLKSIRKYLTSNVAYGSTGIRDVH
LELKDLTLCGRKGNLHFIRFPTHMMPAFIQMGRDKNFSSLHTVFCATGGGSYKFEQDFLTIGDLQLRKL
ELDCLIKGILYIDSVGFNGRSQCYFENPADSEKQKLPFDLKNPYPLLLVNIIGSGVSILAVYSKDNYKR
VTGTSLGGGTFFGLCCLLTGCSTFEEALEMASRGDSTKVDKLVVDIYGGDYERFGLPGWAVASSFGNMMS
KEKREAASKEDLARATLITITNNIGSIARMCALNENINQVVFVGNFLRVNTIAMRLLAYALDYWSKGQLK
ALFSEHEGYFGAVGALLELLKIP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 48.6 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.

RefSeq: [NP_705721](#)

Locus ID: 74450



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UniProt ID: [Q3U4S0](#)

RefSeq Size: 4266

Cytogenetics: 2 F1

RefSeq ORF: 1332

Synonyms: 4933409I19Rik; AI642621

Summary: Catalyzes the phosphorylation of pantothenate to generate 4'-phosphopantothenate in the first and rate-determining step of coenzyme A (CoA) synthesis.[UniProtKB/Swiss-Prot Function]