

Product datasheet for **TP302735M**

PAIP1 (NM_182789) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human poly(A) binding protein interacting protein 1 (PAIP1), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC202735 protein sequence
Red=Cloning site **Green**=Tags(s)

MSDGFDRAPEQTRPLRAPPSSQDKIPQQNSESAMAKPQVWVAPVLMKLSVNAPEFYPSGYSSSYTESYE
DGCEDYPTLSEYVQDFLNHLTEQPGSFETEIEQFAETLNGCVTTDDALQELVELIYQQATSIPNFSYMGA
RLCNYLSHHLTISPQSGNFRQLLQRCREYEVKDKAAKGDEVTRKRFHAFVFLGELYLNLEIKGTNGQ
VTRADILQVGLRELLNALFSNPMDDNLICAVKLLKLTGSVLEDAWKEKGMDEEIIQRIENVLDANCS
RDVKQMLLKLVELRSSNWGRVHATSTYREATPENDPNYFMNEPTFYTS DGVPFPTAADPDYQEKYQELLER
EDFFPDYEENGTDLSGAGDPYLLDDIDDEMDPEIEEAYEKFCLESERKRKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 45.5 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_877590](#)

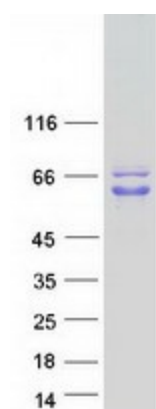


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Locus ID: 10605
UniProt ID: [Q9H074](#)
RefSeq Size: 2559
Cytogenetics: 5p12
RefSeq ORF: 1200

Summary: The protein encoded by this gene interacts with poly(A)-binding protein and with the cap-binding complex eIF4A. It is involved in translational initiation and protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified PAIP1 protein (Cat# [TP302735]). The protein was produced from HEK293T cells transfected with PAIP1 cDNA clone (Cat# [RC202735]) using MegaTran 2.0 (Cat# [TT210002]).