

Product datasheet for **TP307366M**

Profilin 2 (PFN2) (NM_053024) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human profilin 2 (PFN2), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC207366 protein sequence
Red=Cloning site **Green**=Tags(s)

MAGWQSYVDNLMCDGCCQEAIVGYCDAKYVWAATAGGVFQSITPIEIDMIVGKDREGFFTNGLTGAKK
CSVIRDSLYVDGDCTMDIRTKSQGGPEYTNVAVGRAGRVLVFMGKEGVHGGGLNKKAYSMAYLRDSGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 14.9 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_444252](#)

Locus ID: 5217

UniProt ID: [P35080](#)

RefSeq Size: 2117

Cytogenetics: 3q25.1



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RefSeq ORF: 420

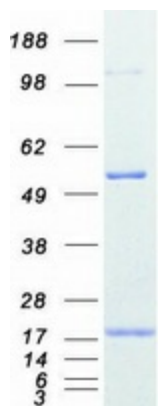
Synonyms: D3S1319E; PFL

Summary: The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Protein Pathways: Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified PFN2 protein (Cat# [TP307366]). The protein was produced from HEK293T cells transfected with PFN2 cDNA clone (Cat# [RC207366]) using MegaTran 2.0 (Cat# [TT210002]).