

## Product datasheet for PH307366

### Profilin 2 (PFN2) (NM\_053024) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PFN2 MS Standard C13 and N15-labeled recombinant protein (NP_444252)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207366
Predicted MW:	15 kDa
Protein Sequence:	>RC207366 protein sequence Red=Cloning site Green=Tags(s)  MAGWQSYVDNLMCDGCCQEAAIVGYCDAKYVWAATAGGVFQSITPIEIDMIVGKDREGFFTNGLTLGAKK CSVIRDSLYVDGDCTMDIRTKSQGGPTYNVAVGRAGRVLVFMGKEGVHGGGLNKKAYSMAYLRDSGF  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_444252</a>
RefSeq Size:	2117
RefSeq ORF:	420
Synonyms:	D3S1319E; PFL
Locus ID:	5217
UniProt ID:	<a href="#">P35080</a>
Cytogenetics:	3q25.1



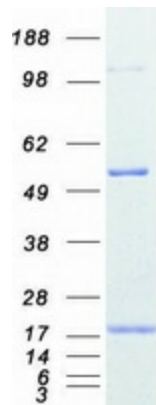
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**Summary:** The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript 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]).