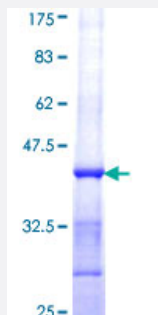


PFN2 (Human) Recombinant Protein (Q01)

Catalog # H00005217-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PFN2 partial ORF (NP_002619, 41 a.a. - 140 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QSITPIEIDMMVGKDREGFFTNGLTGAKKCSVIRDSLYVDGDCTMDIRTKSQGGPEPTYNVAVGRAG RALVIVMGKEGVHGGTLNKKAYELALYLRRSDV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PFN2

Entrez GeneID [5217](#)

GeneBank Accession# [NM_002628](#)

Protein Accession# [NP_002619](#)

Gene Name PFN2

Gene Alias D3S1319E, PFL

Gene Description profilin 2

Omim ID [176590](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations profilin-2

Pathway

- [Regulation of actin cytoskeleton](#)