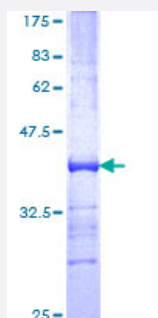


# PFDN5 (Human) Recombinant Protein (Q01)

Catalog # H00005204-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human PFDN5 partial ORF ( NP_002615, 40 a.a. - 139 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	QTKYVEAKDCLNVLNKSNEGKELLVPLTSSMYVPGKLHDVEHVLIDVGTGYVEKTAEDAKDFFK RKIDFLTKQMEKIQPALQEKHAMKQAVMEMMSQKI
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.74
<b>Interspecies Antigen Sequence</b>	Mouse (100); Rat (99)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	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 — PFDN5

Entrez GeneID [5204](#)

GeneBank Accession# [NM\\_002624](#)

Protein Accession# [NP\\_002615](#)

Gene Name PFDN5

Gene Alias MGC5329, MGC71907, MM-1, MM1, PFD5

Gene Description prefoldin subunit 5

Omim ID [604899](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the prefoldin alpha subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. The encoded protein may also repress the transcriptional activity of the proto-oncogene c-Myc. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]

**Other Designations** c-myc binding protein|myc modulator-1|prefoldin 5