

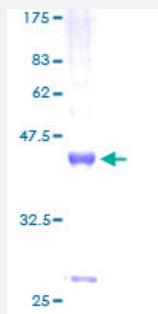
Full-Length

# WFDC5 (Human) Recombinant Protein (P01)

Catalog # H00149708-P01

Size 25 ug, 10 ug

## Applications



## Specification

Product Description	Human WFDC5 full-length ORF ( AAH39173, 1 a.a. - 123 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRTQSLLLL GALLAVGSQLPAVFGRRKKGEKSGGCPPDDGPCLLSVPDQCVEDSQCP LTRKCCY RACFRQCVPRVSVKLGSCPEDQLRCLSPMNLCHKDSDCSGKKRCCHSACGRDCRDPARG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.27
Preparation Method	<a href="#">in vitro wheat germ expression system</a>
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 — WFDC5

Entrez GeneID [149708](#)

GeneBank Accession# [BC039173](#)

Protein Accession# [AAH39173](#)

Gene Name WFDC5

Gene Alias PRG5, WAP1, dJ211D12.5

Gene Description WAP four-disulfide core domain 5

Omim ID [605161](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the WAP-type four-disulfide core (WFDC) domain family. Most WFDC proteins contain only one WFDC domain, and this encoded protein contains two WFDC domains. The WFDC domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor. Most WFDC gene members are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the centromeric cluster. [provided by RefSeq]

**Other Designations** OTTHUMP00000043834|p53-responsive gene 5|protease inhibitor WAP1