

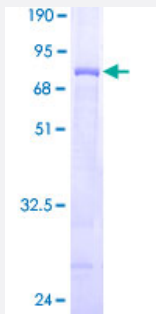
Full-Length

WDFY1 (Human) Recombinant Protein (P01)

Catalog # H00057590-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human WDFY1 full-length ORF (AAH40525, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAEIHSRPQSSRPVLLSKIEGHQDAVTAALLIPKEDGVITASEDRTIRVWLKRDSGQYWPSIYHTM
ASPCSAMAYHHDSRRIFVGQDNGAVMEFHVSEDFNKMNFIKTYPAHQNRVSAIIFSLATEWVISTG
HDKCVSWMCTRSGNMLGRHFFTSWASCLQYDFDTQYAFVGDYSGQITLLKLEQNTCSVITTLKGH
EGSVACLWWDPPIQRLLFSGASDNSIIMWDIGGRKGRTLLQGHHDKVQSLCYLQLTRQLVSCSSD
GGIAVWNMDVSREEAPQWLESDSCQKCEQPFFWNKQMWDTKTLGLRQHHCRCGQAVCGK
CSSKRSSYPVMGFEFQVRVCDSCYDSIKDEDRTSLATFHEGKHNIHMSMDIARGLMVTCTGTDRI
VKIWDMPVVGCSLATGFSPH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

70.84

Interspecies Antigen Sequence

Mouse (97)

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 — WDFY1

Entrez GeneID	57590
GeneBank Accession#	BC040525
Protein Accession#	AAH40525
Gene Name	WDFY1
Gene Alias	FENS-1, WDF1, ZFYVE17
Gene Description	WD repeat and FYVE domain containing 1
Gene Ontology	Hyperlink
Gene Summary	The FYVE domain mediates the recruitment of proteins involved in membrane trafficking and cell signaling to phosphatidylinositol 3-phosphate (PtdIns(3)P)-containing membranes. This gene encodes a protein which contains a single FYVE domain and multiple WD40 repeats. This protein is localized to endosomes. [provided by RefSeq]
Other Designations	WD40 and FYVE domain containing 1 phosphoinositide-binding protein SR1