



Recombinant Human WD repeat and FYVE domain-containing protein 1 (WDFY1)

Product Code	CSB-EP816890HU-B
Abbreviation	WDFY1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IWB7
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAEIHSRPQ SSRPVLLSKI EGHQDAVTAA LLIPKEDGVI TASEDRITRV WLKRDSGQYW PSYHTMASP CSAMAYHHDS RRIFVGQDNG AVMEFHVSED FNKMNFIKTY PAHQNRVSAI IFSLATEWVI STGHDKCVSW MCTRSGNMLG RHFFTSWASC LQYDFDTQYA FVGDYSGQIT LLKLEQNTCS VITTLKGHEG SVAACLWWDPI QRLLFSGASD NSIIMWDIGG RKGRTLLLQG HHDKVQSLCY LQLTRQLVSC SSDGGIAVWN MDVSREEAPQ WLESDSCQKC EQPFFWNIQ MWDTKTLGLR QHHCRCGQA VCGKCSSKRS SYPVMGFEFQ VRVCDSCYDS IKDEDRTSLA TFHEGKHNIS HMSMDIARGL MVTCTGDRIV KIWDMTVPVVG CSLATGFSPH
Source	E.coli
Target Names	WDFY1
Protein Names	Recommended name: WD repeat and FYVE domain-containing protein 1 Alternative name(s): FENS-1 Phosphoinositide-binding protein 1 WD40- and FYVE domain-containing protein 1 Zinc finger FYVE domain-containing protein 17
Expression Region	1-410
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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