

Product datasheet for TP309030M

OriGene Technologies, Inc.

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FENS1 (WDFY1) (NM_020830) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human WD repeat and FYVE domain containing 1 (WDFY1), 100 μg

Species: Human
Expression Host: HEK293T

Expression cDNA >RC209030 protein sequence Clone or AA Sequence: Red=Cloning site Green=Tags(s)

MAAEIHSRPQSSRPVLLSKIEGHQDAVTAALLIPKEDGVITASEDRTIRVWLKRDSGQYWPSIYHTMASP CSAMAYHHDSRRIFVGQDNGAVMEFHVSEDFNKMNFIKTYPAHQNRVSAIIFSLATEWVISTGHDKCVSW MCTRSGNMLGRHFFTSWASCLQYDFDTQYAFVGDYSGQITLLKLEQNTCSVITTLKGHEGSVACLWWDPI QRLLFSGASDNSIIMWDIGGRKGRTLLLQGHHDKVQSLCYLQLTRQLVSCSSDGGIAVWNMDVSREEAPQ WLESDSCQKCEQPFFWNIKQMWDTKTLGLRQHHCRKCGQAVCGKCSSKRSSYPVMGFEFQVRVCDSCYDS

IKDEDRTSLATFHEGKHNISHMSMDIARGLMVTCGTDRIVKIWDMTPVVGCSLATGFSPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 46.1 kDa

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

RefSeg: NP 065881

Locus ID: 57590





FENS1 (WDFY1) (NM_020830) Human Recombinant Protein - TP309030M

UniProt ID: <u>Q8IWB7</u>, <u>A0A024R488</u>, <u>Q9H8N9</u>

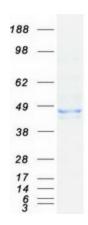
RefSeq Size: 4607 Cytogenetics: 2q36.1 RefSeq ORF: 1230

Synonyms: FENS-1; FENS1; WDF1; ZFYVE17

Summary: The protein encoded by this gene is a phosphatidylinositol 3-phosphate binding protein, which

contains a FYVE zinc finger domain and multiple WD-40 repeat domains. When exogenously expressed, it localizes to early endosomes. Mutagenesis analysis demonstrates that this endosomal localization is mediated by the FYVE domain. [provided by RefSeq, Jan 2015]

Product images:



Coomassie blue staining of purified WDFY1 protein (Cat# [TP309030]). The protein was produced from HEK293T cells transfected with WDFY1 cDNA clone (Cat# [RC209030]) using MegaTran 2.0 (Cat# [TT210002]).