

## Product datasheet for **TP309030M**

### **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)

MAAEIHSRPQSSRPVLLSKIEGHQDAVTAALLIPKEDGVITASEDRITIRVWLKRDSGQYWPSIYHTMASP  
CSAMAYHHDSRRIFVGDNGAVMEFHVSEDFNKMNFIKTYPAHQNRVSAIIFSLATEWVISTGHDKCVSW  
MCTRSGNMLGRHFFTSWASCLQYDFDTQYAFVGDYSGQITLLKLEQNTCSVITLLKGHEGSVAQLWWDPI  
QRLLFSGASDNSIIMWDIGGRKGRITLLQGHHDQVQSLCYLQLTRQLVSCSSDGGIAVWNMDVSRREAPQ  
WLESDCQKCEQPFWNQKQMWDTKTLGLRQHHCRCGQAVCGKCSSKRSSYPVMGFEFQVRVCDSCYDS  
IKDEDRTSLATFHGKHNISHMSMDIARGLMVTCTDRIVKIWDMPVVGCSLATGFSPH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	46.1 kDa
Concentration:	>0.05 µg/µL 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.
RefSeq:	<a href="#">NP_065881</a>
Locus ID:	57590



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UniProt ID: [Q8IWB7](#), [A0A024R488](#), [Q9H8N9](#)

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]).