

Recombinant Human WDFY2

Catalog No: #GP12543



Package Size: #GP12543-1 100ug

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Description

Product Name	Recombinant Human WDFY2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 201-400 amino acids of human WDFY2
Target Name	WD repeat and FYVE domain containing 2
Other Names	PROF; WDF2; ZFYVE22
Accession No.	Swissprot:Q96P53Gene Accession:BC014004
Uniprot	Q96P53
GeneID	115825;
Storage	-20~-80°C, pH 7.6 PBS

Background

WD repeat and FYVE domain-containing protein 2 (WDFY2), also known as WDF2 and ZFYVE22, is a 400 amino acid protein that localizes to a set of small endosomes that are found within 100 nm from the plasma membrane. Highly conserved between species, WDFY2 consists of one FYVE-type zinc finger and seven WD repeats. The FYVE domain is a cysteine-rich domain of about 70 amino acids. Its primary role is to target signal-transducing proteins to cell membranes through binding to the membrane lipid phosphatidylinositol-3-phosphate with high specificity. WD-repeats are generally found in clusters of seven. They have no intrinsic catalytic activity, but they serve as a platform for protein-protein interactions. WDFY2 is suspected to play a critical role in the endocytic pathway.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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