

Recombinant Full Length Human WFDC2 Protein, C-Flag-tagged

Cat. No. WFDC2-649HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human WFDC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	10 kDa
AA Sequence	MPACRLGPLAAALLLSLLLFGFTLVSGTGAEKTVCPPELQADQNCTQECVSDSECA DNLKCCSAGCATFC SLPNDKEGSCPQVNINFPQLGLCRDQCQVDSQCPCGQMKCCRNGCGKVCVTPNF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	WFDC2 WAP four-disulfide core domain 2 [Homo sapiens (human)]
Official Symbol	WFDC2
Synonyms	HE4; WAP5; EDDM4; dJ461P17.6
Gene ID	10406
mRNA Refseq	NM_006103.4
Protein Refseq	NP_006094.3
MIM	617548
UniProt ID	Q14508

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Coomassie blue staining of purified WFDC2 protein.

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