OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP306450

WFDC1 (NM_021197) Human Recombinant Protein

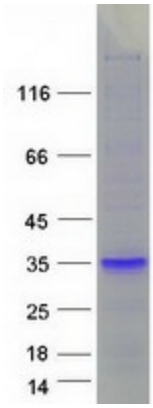
Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens WAP four-disulfide core domain 1 (WFDC1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206450 representing NM_021197 Red=Cloning site Green=Tags(s) MPLTGVGPGSCRRQIIRALCLLLLLLHAGSAKNIWKRALPARLAEKSRAEEAGAPGGPRQPRADRCPPPP RTLPPGACQAARCQADSECPRHRRCCYNGCAYACLEAVPPPPVLDWLVQPKPRWLGGNGWLLDGPEEVLQ AEACSTTEDGAEPLLCPSGYECHILSPGDVAEGIPNRGQCVKQRRQADGRILRHKLYKEYPEGDSKNVAE PGRGQQKHFQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.6 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:	NP_067020
Locus ID:	58189

View online »

UniProt ID:	Q9HC57
RefSeq Size:	1396
Cytogenetics:	16q24.1
RefSeq ORF:	660
Synonyms:	PS20
Summary:	This gene encodes a member of the WAP-type four disulfide core domain family. The WAP-type four-disulfide core domain 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 mapped to chromosome 16q24, an area of frequent loss of heterozygosity in cancers, including prostate, breast and hepatocellular cancers and Wilms' tumor. This gene is downregulated in many cancer types and may be involved in the inhibition of cell proliferation. The encoded protein may also play a role in the susceptibility of certain CD4 memory T cells to human immunodeficiency virus infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Protein Families:	Secreted Protein

Product images:



Coomassie blue staining of purified WFDC1 protein (Cat# TP306450). The protein was produced from HEK293T cells transfected with WFDC1 cDNA clone (Cat# [RC206450]) using MegaTran 2.0 (Cat# [TT210002]).