

Product datasheet for TP312645

RFFL (NM_057178) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ring finger and FYVE-like domain containing 1 (RFFL), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212645 representing NM_057178
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MWATCCNWFCLDGQPPEVPPPQGARMQAYSNPGYSSFPSPTGLEPSCCKSCGAHFANTARKQTCLDCKKNF
CMTCSSQVGNPRLCLLCQFRATAFQREELMKMKVKDLRDYLSLHDISTEMCREKEELVLLVLGQQPVI
SQEDRTRASTLSPDFPEQQAFLTQPHSSMVPPTSPNLPSSSAQATSVPPAQVQENQQANGHVSQDQEEPV
YLESVARVPAEDETQSIDSEDSFVPGRRASLSDLTDLEDIEGLTVRQLKEILARNFVNYKGCCEKWELME
RVTRLYKDQKGLQHLVSGAEDQNGGAVPSGLEENLCKICMDSPIDCVLLECGHMTCTKCGKRMNEPIC
RQYVIRAVHVFRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

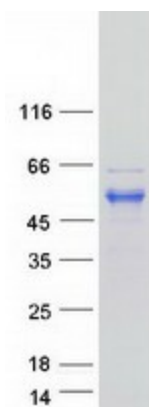
Tag:	C-Myc/DDK
Predicted MW:	40.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_476519



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Locus ID:	117584
UniProt ID:	Q8WZ73
RefSeq Size:	4143
Cytogenetics:	17q12
RefSeq ORF:	1089
Synonyms:	CARP2; fring; FYVE-RING finger protein SAKURA; RIFIFYLIN; ring finger and FYVE-like domain containing 1; RNF34L; RNF189
Summary:	<p>E3 ubiquitin-protein ligase that regulates several biological processes through the ubiquitin-mediated proteasomal degradation of various target proteins. Mediates 'Lys-48'-linked polyubiquitination of PRR5L and its subsequent proteasomal degradation thereby indirectly regulating cell migration through the mTORC2 complex. Ubiquitinates the caspases CASP8 and CASP10, promoting their proteasomal degradation, to negatively regulate cell death downstream of death domain receptors in the extrinsic pathway of apoptosis. Negatively regulates the tumor necrosis factor-mediated signaling pathway through targeting of RIPK1 to ubiquitin-mediated proteasomal degradation. Negatively regulates p53/TP53 through its direct ubiquitination and targeting to proteasomal degradation. Indirectly, may also negatively regulate p53/TP53 through ubiquitination and degradation of SFN. May also play a role in endocytic recycling.</p> <p>[UniProtKB/Swiss-Prot Function]</p>
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified RFFL protein (Cat# TP312645). The protein was produced from HEK293T cells transfected with RFFL cDNA clone (Cat# [RC212645]) using MegaTran 2.0 (Cat# [TT210002]).