

## Product datasheet for **TP315561M**

### **C1orf86 (FAAP20) (NM\_182533) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 1 open reading frame 86 (C1orf86), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215561 representing NM_182533 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MEAARRPRLGLSRRRPPPAGGPGSGRPWFLLGGDERERLWAE LLRTVSPELILDHEVPSLPAFPGQEPRC  GPEPTEVFTVGPKTFSWTFPPDLWGPGRSYRLLHGAGGHLESPARSLPQRPA PDPCRAPRVEQQPSVEG  AAALRSCPMCQKEFAPRLTQLDVDSHLAQCLAESTEDVTW</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	19.6 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:	<a href="#">NP_872339</a>
Locus ID:	199990
UniProt ID:	<a href="#">Q6NZ36</a>
RefSeq Size:	745



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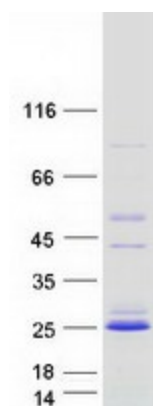
Cytogenetics: 1p36.33

RefSeq ORF: 540

Synonyms: C1orf86; FP7162

**Summary:** Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys-63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified FAAP20 protein (Cat# [TP315561]). The protein was produced from HEK293T cells transfected with FAAP20 cDNA clone (Cat# [RC215561]) using MegaTran 2.0 (Cat# [TT210002]).