

## Product datasheet for PH315561

### C1orf86 (FAAP20) (NM\_182533) Human Mass Spec Standard

#### Product data:

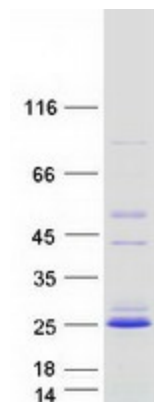
Product Type:	Mass Spec Standards
Description:	C1orf86 MS Standard C13 and N15-labeled recombinant protein (NP_872339)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215561
Predicted MW:	19.6 kDa
Protein Sequence:	<p>&gt;RC215561 representing NM_182533</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEARRPRLGLSRRRPPAGGPSGGRPWFLGGDERERLWAELLRTVSPELILDHEVPSLPAFPQGEP            RC GPEPTEVFTVGPKTFSWTFPPDLWGPGRSYRLHAGGHLSPARSLPQRAPDPCRAPRVEQQPSVEG            AAALRSCPMCQKEFAPRLTQLDVDSHLAQCLAESTEDVTW</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_872339</a>
RefSeq Size:	745
RefSeq ORF:	540
Synonyms:	C1orf86; FP7162
Locus ID:	199990
UniProt ID:	<a href="#">Q6NZ36</a>


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**Cytogenetics:** 1p36.33

**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]).