

## Product datasheet for PH317164

### FAM108B1 (ABHD17B) (NM\_016014) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FAM108B1 MS Standard C13 and N15-labeled recombinant protein (NP_057098)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217164
Predicted MW:	32.6 kDa
Protein Sequence:	>RC217164 representing NM_016014 Red=Cloning site Green=Tags(s)

MNNLSFSELCCFLCCPPCPGKIASKLAFLLPDPPTYTLMCDESGSRWTLHLSERADWQYSSREKDAIECFM  
TRTSKGNRIACMFVRCSPNAKYTLFLSHGNAVDLGMSSFYIGLGRINCNIYSYDYSYGASSGKPTK  
NLYADIEAAWLALRTRYGIRPENVIYQSIGTVPSVDLAARYESAAILHSPLTSGMRVAFPDTKKTYC  
FDAFPNIDKISKITSPVLIHGTEDVIDFSHGLALFERCQRPVEPLWVEGAGHNDVELYGQYLERLKQF  
VSQELVQKHKEGK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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:	<u><a href="#">NP_057098</a></u>
RefSeq Size:	1614
RefSeq ORF:	879
Synonyms:	C9orf77; CGI-67; FAM108B1
Locus ID:	51104



[View online »](#)

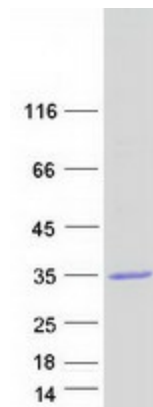
UniProt ID: [Q5VST6](#)

Cytogenetics: 9q21.13

**Summary:** Hydrolyzes fatty acids from S-acylated cysteine residues in proteins (PubMed:26701913). Has depalmitoylating activity towards DLG4/PSD95 (PubMed:26701913). Has depalmitoylating activity towards GAP43 (By similarity). Has depalmitoylating activity towards MAP6 (By similarity). Has depalmitoylating activity towards NRAS (PubMed:26701913).[UniProtKB/Swiss-Prot Function]

Protein Families: Protease

### Product images:



Coomassie blue staining of purified ABHD17B protein (Cat# [TP317164]). The protein was produced from HEK293T cells transfected with ABHD17B cDNA clone (Cat# [RC217164]) using MegaTran 2.0 (Cat# [TT210002]).