

Product datasheet for PH311548

FYB2 (NM_001004303) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C1orf168 MS Standard C13 and N15-labeled recombinant protein (NP_001004303)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211548
Predicted MW:	81.9 kDa
Protein Sequence:	>RC211548 representing NM_001004303 Red =Cloning site Green =Tags(s)

MEGEGVRNFKELRAKFQNLDAAPPLPGPIKFPAGVSPKGDIGGTQSTQILANGKPLSSNHKQRTPTYCSSSE
 SQPLQPQIKLAQKSEIPKCSNSPGPLGKSTVCSATSSQKASLLLEVTQSNVEIITKEKVMVANSFRNKL
 WNWEKVSSQKSEMSSALLANYGSKAIHLEGQKGMGLTPEEPRKKLETGAQTLPSQKHVVAPKILHNVS
 EDPSFVISQHIRKSWENPPERSPASSPCQPIYECELASQAPEKQPDVRHHHLPTKPLPSIDSLGPPPP
 KPSRPPIVNLQAFQRQPAAVPKTQGEVTVEEGLSPERLFNAEFEEPHNYEATISYLRHSGNSINLCTAK
 EIADPTYEVGIEELQKPGKNFPYPEPSAKHEDKKMKEKQPCELKPKNTEKEPYSNHVFKVDACEGTPEKI
 QMTNVHTGRRNMLAGKQEAMIDIITNPCPEGPKLARHSQGHCGHLEVLESTKETPD LGVSKTSSISEEI
 YDDVEYSRKEVPKLNYSSSLASSEENRELYEDVYKTKNNYPKIDLDGKEALKRLQQFFKKEKDRFKIKK
 TSKENLSAFSILLPDLELKSQEVIIYDDVDLSEKESKDEDKLMMWPKFLTPKEKKEKNGAESESFSP
 RNFFKTKKQNLKRNMRKEEKLFRERFKYDKEIIVINTAVACSNNSRNGIFDLPISPGEELEVIDTTEQN
 LVICRNSKGKGYVLEIHLDFKHQSWSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

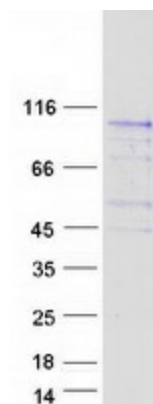
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	NP_001004303



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RefSeq Size:	3162
RefSeq ORF:	2184
Synonyms:	ARAP; C1orf168
Locus ID:	199920
UniProt ID:	<u>Q5VWT5</u>
Cytogenetics:	1p32.2
Summary:	Adapter protein that plays a role in T-cell receptor (TCR)-mediated activation of signaling pathways. Required for T-cell activation and integrin-mediated T-cell adhesion in response to TCR stimulation (PubMed:27335501).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified FYB2 protein (Cat# [TP311548]). The protein was produced from HEK293T cells transfected with FYB2 cDNA clone (Cat# [RC211548]) using MegaTran 2.0 (Cat# [TT210002]).