

Product datasheet for PH314537

FYB1 (NM_001465) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FYB MS Standard C13 and N15-labeled recombinant protein (NP_001456)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214537
Predicted MW:	90.7 kDa
Protein Sequence:	>RC214537 protein sequence Red=Cloning site Green=Tags(s)

MAKYNTGGNPTEVSVNSRPFRTGPNSSSGIQARKNLFNNQGNASPPAGPSNVPKFGSPKPPVAVKPSS
EEKPDKEPKPPFLKPTGAGQRFGTASLTTRDPEAKVGFLLKPVGPKPINLPKEDSKPTFPWPPGNKPSLH
SVNQDHDLLKPLGPKSGPTPPTSENEQQAFFPKLTGVKGFMSASQDLEPKPLFPKPAFGQKPLSTENSH
EDESMPKVNSSKGSAPLGVRSKSGPLKPAEDSENKDHAGEISSLPFPGVVLKPAASRGGPGLSKNGE
EKKEDRKIDAANKTFQSKINQEELASGTPPARFPKAPSKLTVGGPWGQSQEKEKGDKNATPKQKPLPPL
FTLGPPPPKPNRPPNVDLTKFHKTSNGNSTSKGQTSYSTSLPPPPPSHPASQPPLPASHPSQPPVPSLP
PRNIKPPFDLKSPVNEDNQDGVTHSDGAGNLDDEEQDSEGETYEDIEASKEREKKREKKEKRLLEKKEQ
KEKEKKEQEIKKKFKLTGPIQVIHLAKACCDVKGGKNELSFKQGEQIEIIRITDNPEGWLGRRTARGSYG
YIKTTAVEIDYDSLKLLKDSLGAAPSRPIEDDQEVYDDVAEQDDISSHSQSGSGGIFPPPPDDDIYDGIEE
EDADDGSTLQVQEKSNVSWGILKMLKGGDDRKKSIREKPKVSDSDNNEGSSFPAPPKQLDMGDEVYDDV
DTSDFPVSSAEMSQGTNFGKAKTEEKDLKLLKQEKKEKDFRKKFKYDGEIRVLYSTKVTTITSKKGWT
RDLQVKGESLEVIQTDDTKVLCRNEEGKYGYVLRSYLADNDGEIYDDIADGCIYDND

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_001456



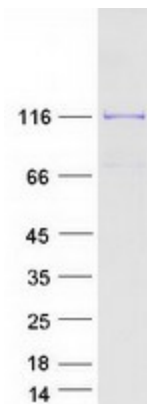
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RefSeq Size:	4858
RefSeq ORF:	2487
Synonyms:	ADAP; FYB; PRO0823; SLAP-130; SLAP130; THC3
Locus ID:	2533
UniProt ID:	Q15117 , E9PBV9
Cytogenetics:	5p13.1

Summary: The protein encoded by this gene is an adapter for the FYN protein and LCP2 signaling cascades in T-cells. The encoded protein is involved in platelet activation and controls the expression of interleukin-2. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FYB1 protein (Cat# [TP314537]). The protein was produced from HEK293T cells transfected with FYB1 cDNA clone (Cat# [RC214537]) using MegaTran 2.0 (Cat# [TT210002]).