

## Product datasheet for TP314537M

### FYB1 (NM\_001465) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FYN binding protein (FYB-120/130) (FYB), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214537 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKYNTGGNPTEDVSVNSRPFVRTGPNSSSGIQARKNLFNNQGNASPPAGPSNVPKFGSPKPPVAVKPSS  
EEKPDKEPKPPFLKPTGAGQRFGTASLTTRDPEAKVGFLLKPVGPKPINLPKEDSKPTFPWPPGNKPSLH  
SVNQDHDHLKPLGPKSGPTPTSENEQKQAFPKLTGVKGFMSASQDLEPKLFPKPAFGQKPLSTENSH  
EDESPMKNVSSSKGSPAPLGVRSKSGPLKPAREDSENKDHAGEISSLPFPGVVLKPAASRGGPGLSKNGE  
EKKEDRKIDAANKTFQSKINQEELASGTTPARFPKAPSKLTVGGPWGQSQEKEKGDKNSATPKQKPLPPL  
FTLGPPPKPNRPPNVDLTKFHKTSSGNSTSKGQTSYSTSLPPPPSHPASQPPLPASHPSQPPVPSLP  
PRNIKPPFDLKSVPNEDNQDGVTHSDGAGNLDEEQDSEGETYEDIEASKEREKKREKEEKRLLEKKEQ  
KEKEKKEQEIKKKFKLTGPIQVIHLAKACCDVKGGKNELSFKQGEQIEIRITDNPEGKWLGRRTARGSYG  
YIKTTAVEIDYDSLKLLKDSLGAAPSRPIEDDQEVYDDVAEQDDISSHSQSGGGIFPPPPDDDIYDGIIE  
EDADDGSTLQVQKSNTWSWILKMLKGGKDDRKKSIREKPKVSDSDNNEGSSFPAPPKQLDMGDEVYDDV  
DTSDFPVSSAEMSQGTNFGKAKTEEDLKKLKKQEKEEKDFRKKFKYDGEIRVLYSTKVTTSSITSKKWGT  
RDLQVKPGESLEVIQTDDTKVLCRNEEGKYGYVLRSLADNDGEIYDDIADGCIYDND

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

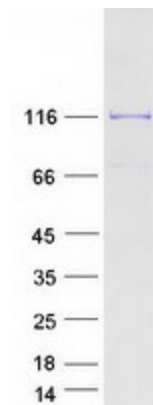
Tag:	C-Myc/DDK
Predicted MW:	90.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001456</a>
<b>Locus ID:</b>	2533
<b>UniProt ID:</b>	<a href="#">O15117</a> , <a href="#">E9PBV9</a>
<b>RefSeq Size:</b>	4858
<b>Cytogenetics:</b>	5p13.1
<b>RefSeq ORF:</b>	2487
<b>Synonyms:</b>	ADAP; FYB; PRO0823; SLAP-130; SLAP130; THC3
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).