Recombinant Human FYB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FYB1-2649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FYB MS Standard C13 and N15-labeled recombinant protein (NP_955367) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	85.2 kDa
AA Sequence	MAKYNTGGNPTEDVSVNSRPFRVTGPNSSSGIQARKNLFNNQGNASPPAGPSNVP KFGSPKPPVAVKPSSEEKPDKEPKPPFLKPTGAGQRFGTPASLTTRDPEAKVGFLK PVGPKPINLPKEDSKPTFPWPPGNKPSLHSVNQDHDLKPLGPKSGPTPPTSENEQK QAFPKLTGVKGKFMSASQDLEPKPLFPKPAFGQKPPLSTENSHEDESPMKNVSSSK GSPAPLGVRSKSGPLKPAREDSENKDHAGEISSLPFPGVVLKPAASRGGPGLSKNG EEKKEDRKIDAAKNTFQSKINQEELASGTPPARFPKAPSKLTVGGPWGQSQEKEKG DKNSATPKQKPLPPLFTLGPPPPKPNRPPNVDLTKFHKTSSGNSTSKGQTSYSTTSL PPPPPSHPASQPPLPASHPSQPPVPSLPPRNIKPPFDLKSPVNEDNQDGVTHSDGA GNLDEEQDSEGETYEDIEASKEREKKREKEEKKRLELEKKEQKEKEKKEQEIKKKFK

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	LTGPIQVIHLAKACCDVKGGKNELSFKQGEQIEIIRITDNPEGKWLGRTARGSYGYIKT TAVEIDYDSLKLKKDSLGAPSRPIEDDQEVYDDVAEQDDISSHSQSGSGGIFPPPPD DDIYDGIEEEDADDGFPAPPKQLDMGDEVYDDVDTSDFPVSSAEMSQGTNVGKAKT EEKDLKKLKKQEKEEKDFRKKFKYDGEIRVLYSTKVTTSITSKKWGTRDLQVKPGES LEVIQTTDDTKVLCRNEEGKYGYVLRSYLADNDGEIYDDIADGCIYDNDTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FYB1 FYN binding protein 1 [Homo sapiens (human)]
Official Symbol	FYB1
Synonyms	FYB1; FYN binding protein 1; FYB; ADAP; THC3; PRO0823; SLAP130; SLAP-130; FYN-binding protein 1; FYB-120/130; FYN-T-binding protein; SLP-76-associated phosphoprotein; adhesion and degranulation-promoting adaptor protein; p120/p130
Gene ID	2533
mRNA Refseq	NM_199335

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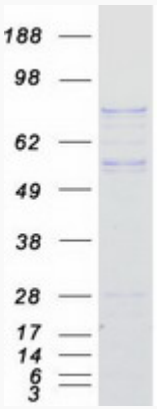
Protein Refseq	NP_955367
MIM	602731
UniProt ID	O15117
SDS-PAGE	

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