

## Recombinant Human FYB Protein, GST-tagged

**Cat. No.** FYB-4583H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FYB full-length ORF ( ADR83276.1, 1 a.a. - 829 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</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>Molecular Mass</b>   | 91.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MAKYNTGGNPTEDVSVNSRPFRVTGPNSSSGIQARKNLFNNQGNASPPAGPSNVP</p> <p>KFGSPKPPVAVKPSSEKPDKEPKPPFLKPTGAGQRFGTPASLTTRDPEAKVGFLK</p> <p>PVGPKPINLPKEDSKPTFPWPPGNKPSLHSVNDHDLKPLGPKSGPTPPTSENEQK</p> <p>QAFPKLTGVKGKFMASQDLEPKPLFPKPAFGQKPPLSTENSHEDSPMKNVSSSK</p> <p>GSPAPLGVRSKSGPLKPARESENKDHAGEISSLPFPGVVLKPAASRGGPGLSKNG</p> <p>EEKKEDRKIDAAKNTFQSKINQEELASGTPPARFPKAPSKLTVGGPWGQSQEKEKG</p> <p>DKNSATPKQKPLPPLFTLGPPPPKPNRPPNVDLTKFHKTSNGNSTSKGQTSYSTTSL</p> <p>PPPPPSHPASQPPLPASHPSQPPVPSLPPRNIKPPFDLKSPVNEDNQDGVTHSDGA</p> <p>GNLDEEQDSEGETYEDIEASKEREKKREKEEKKRLELEKKEQKEKEKKEQEIKKKFK</p> <p>LTGPIQVIHLAKACCDVKGGKNELSFQGEQIEIIRITDNPEGKWLGRRTARGSYGYIKT</p> |

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TAVEIDYDSLKLKKDSLGA  
PSRPIEDDQEVYDDVAEQ  
DDISSHSQSGSGGIFPP  
PPD  
DDIYDGIEEEDADDGST  
LQVQEKSNTWSWGILKM  
LKGKDDRKKSIREKPKV  
SDSDN  
NEGSSFPAPPKQLDMG  
DEVYDDVDTSDFPVSS  
AEMSQGTNFGKAKTEEK  
DLKKLK  
KQEKEEKDFRKKFKYD  
GEIRVLYSTKVTTTSIT  
SKKWGTRDLQVKPGES  
LEVIQTDDDT  
KVLCRNEEGKYGYVLR  
SYLADNDGEIYDDIAD  
GCIYDND

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** FYB FYN binding protein [ Homo sapiens ]

**Official Symbol** FYB

**Synonyms** FYB; FYN binding protein; FYN binding protein (FYB 120/130); FYN-binding protein; FYB 120/130; SLAP 130; p120/p130; FYB-120/130; FYN-T-binding protein; SLP-76-associated phosphoprotein; adhesion and degranulation-promoting adaptor protein; ADAP; PRO0823; SLAP-130;

**Gene ID** 2533

**mRNA Refseq** NM\_001243093

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|----------------|------------------------------|
| Protein Refseq | <a href="#">NP_001230022</a> |
| MIM            | <a href="#">602731</a>       |
| UniProt ID     | <a href="#">O15117</a>       |

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