Recombinant Human FYN, GST-tagged

Cat. No. FYN-2410H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FYN p59 (23-216aa) was expressed in*E. coli.*It was fused with a GST tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	23-216 a.a.
Description	p59fyn is a membrane-associated non-receptor protein tyrosine kinase that belongs to the Src-family of kinases. The unique N-terminal domain of p59fyn interacts with the CD3 and eta chains of the TcR. p59fyn can bind other proteins (p82 and p116) through its SH2 and SH3 domains, which may act as substrates or regulators of fyn activity. p59fyn is highly expressed in brain suggesting that it may have a role in the sensory nervous network and in myelination at early stages of CNS formation.
Presentation	100µl purified human Lyn protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol without BSA and Sodium Azide.
Applications	ELISA•Inhibition Assays• Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 50 kDa (including GST).
Storage & Stability	Store vial at -20℃ to -80℃. When stored at the recommended temperature, this

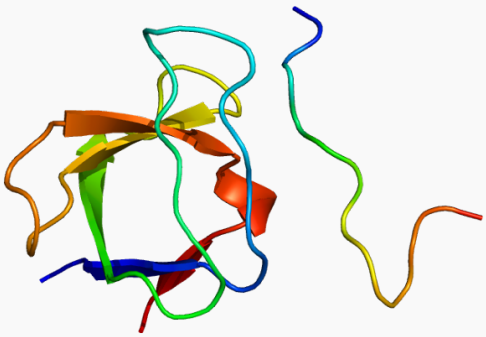
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	protein is stable for 12 months.

GENE INFORMATION

Gene Name	FYN FYN oncogene related to SRC, FGR, YES [Homo sapiens]
Synonyms	FYN oncogene related to SRC, FGR, YES; SLK; SYN; MGC45350; FYN; proto-oncogene tyrosine-protein kinase fyn; src-like kinase; Protooncogene Syn; OTTHUMP00000017917; c-syn protooncogene; src/yes-related novel; tyrosine kinase p59fyn(T); p59-Fyn; protein-tyrosine kinase fyn ; OKT3-induced calcium influx regulator; EC 2.7.10.2; OTTHUMP00000017915; OTTHUMP00000017914; src-like kinase
Gene ID	2534
mRNA Refseq	NM_002037
Protein Refseq	NP_002028
UniProt ID	P06241
Chromosome Location	6q21
MIM	137025
Pathway	Adherens junction; Axon guidance; Fc epsilon RI signaling pathway; Focal adhesion; Natural killer cell mediated cytotoxicity; Pathogenic Escherichia coli infection; Prion diseases; T cell receptor signaling pathway
Function	non-membrane spanning protein tyrosine kinase activity; ATP binding; glycoprotein

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	binding; identical protein binding; manganese ion binding; metal ion binding; nucleotide binding; transferase activity; tubulin binding
PDB rendering based on 1a0n.	

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