Recombinant Human FER, His-tagged

Cat. No. FER-12842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FER protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	96-445a.a.
Description	Fer protein is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	FER fer (fps/fes related) tyrosine kinase [Homo sapiens]
Official Symbol	FER

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Synonyms	FER; fer (fps/fes related) tyrosine kinase; tyrosine-protein kinase Fer; phosphoprotein NCP94; PPP1R74; protein phosphatase 1; regulatory subunit 74; TYK3; p94-Fer; tyrosine kinase 3; proto-oncogene c-Fer; feline encephalitis virus-related kinase FER; protein phosphatase 1, regulatory subunit 74; fujinami poultry sarcoma/Feline sarcoma-related protein Fer; FerT;
Gene ID	2241
mRNA Refseq	NM_005246
Protein Refseq	NP_005237
MIM	176942
UniProt ID	P16591
Chromosome Location	5q21
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem; N-cadherin signaling events, organism-specific biosystem; PDGFR-beta signaling pathway, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by SCF-KIT, organism-specific biosystem;
Function	ATP binding; Rab GTPase binding; actin binding; cadherin binding; epidermal growth factor receptor binding; gamma-catenin binding; lipid binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein kinase binding; protein t

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