

Recombinant Human FER, GST-tagged

Cat. No. FER-2611H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full-length of human FER (1-822(end) amino acids) was expressed as N terminal GST-fusion protein (122 kDa) using baculovirus expression system. GST-FER was purified by using glutathione sepharose chromatography and anion exchange chromatography.
Species	Human
Source	Insect Cells
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.
Purity	94 %. The purity was assessed by SDS-PAGE/CBB staining.
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5.
ATP	100mM.
Substrate	Srctide.
Storage	Store at -80°C. Avoid repeating freeze-thaws.

GENE INFORMATION

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

Gene Name	FER fer (fps/fes related) tyrosine kinase [Homo sapiens]
Synonyms	FER; fer (fps/fes related) tyrosine kinase; TYK3; tyrosine-protein kinase Fer; p94-Fer; tyrosine kinase 3; phosphoprotein NCP94; proto-oncogene c-Fer; EC 2.7.10.2
Gene ID	2241
mRNA Refseq	NM_005246
Protein Refseq	NP_005237
MIM	176942
UniProt ID	P16591
Chromosome Location	5q21
Pathway	Adherens junction
Function	ATP binding; Rab GTPase binding; actin binding; cadherin binding; gamma-catenin binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein kinase binding; protein tyrosine kinase activity; transferase activity

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