

Bioactive

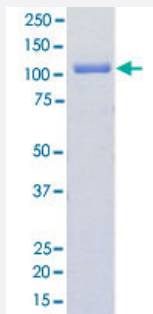
Full-Length

FER (Human) Recombinant Protein

Catalog # P5711

Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human FER (NP_005237.1, 1 a.a. - 822 a.a.) full-length recombinant protein with GST tag expressed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	122
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	94 % by SDS-PAGE/CBB staining.

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg (or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000. Substrate : Src tide. ATP: 100 μM.
Quality Control Testing	Loading 1 ug protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FER

Entrez GeneID	2241
Protein Accession#	NP_005237.1
Gene Name	FER
Gene Alias	TYK3
Gene Description	fer (fps/fes related) tyrosine kinase
Omim ID	176942
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	phosphoprotein NCP94

Pathway

- [Adherens junction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)