Recombinant Mouse FER (N-GST tag)

Cat No:HR2R2115

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FER
Gene ID	N/A
Accession	NM_001037997
Alternative Name	Fert, Fert2, AV082135, C330004K01Rik
Species	Mouse
Source	Insect cells
Description	FER is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. FER plays a role in regulating cytoskeletal rearrangements and inside out signalling that accompany receptor ligand, cell matrix and cell cell interactions . Genetic analysis using transgenic mouse models implicate FER in the regulation of inflammation and innate immunity. Fer-deficient mice displayed enhanced recruitment of leukocytes in response to local LPS challenge. FER is required for cell-cycle progression in malignant cells. Decreasing the level of FER using RNAi impeded the proliferation of prostate and breast carcinoma cells and led to their arrest at the G0/G1 phase .
Functions	The specific activity of FER was determined to be 655 nmol/min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	59
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.