Recombinant Human FES Kinase/Feline sarcoma oncogene Protein (His &GST Tag)

Catalog Number: PKSH030338

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

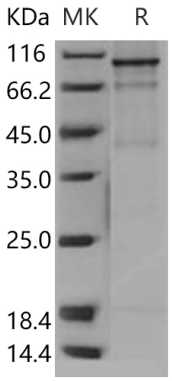
Description

Species	Human
Source	Baculovirus-Insect Cells-derived Human FES Kinase/Feline sarcoma oncogene protein Met 1-Arg 822, with an N-terminal His & GST
Calculated MW	121 kDa
Observed MW	110 kDa
Accession	P07332-1
Bio-activity	The specific activity was determined to be 200 nmol/min/mg using Poly(Glu:Tyr) 4:1 as substrate.

Properties

Purity	> 75 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as sterile solution of 20mM Tris, 500mM NaCl, pH 7.4, 10% glycerol

Data



> 75 % as determined by reducing SDS-PAGE.

Background

Proto-oncogene tyrosine-protein kinase Fes/Fps, also known as Proto-oncogene c-Fes, Proto-oncogene c-Fps, Feline sarcoma oncogene, FES and FPS, is a protein which contains oneFCH domain, oneprotein kinase domain and oneSH2 domain. FES is a non-receptor protein tyrosine kinase expressed in hematopoietic progenitors and differentiated myeloid cells. FES is observed in the nuclear, granular and plasma membrane fractions of primary human neutrophils and the myeloid leukemia cell line, HL-60. The nuclear localization is confirmed by immunocytochemistry of neutrophils. FES has been implicated in granulocyte-macrophage colony-stimulating factor (GM-CSF), interleukin-3 (IL-3) and erythropoietin signal transduction. FES has tyrosine-specific protein kinase activity and that activity is required for maintenance of cellular transformation. FES is also involved in normal hematopoiesis. Its chromosomal location has linked it to a specific translocation event identified in patients with acute promyelocytic leukemia.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com