

RP03374LQ

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Recombinant Human FES/FPS Kinase

Catalog No.: RP03374LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
E. coli	2242	P07332

Tags

N-His

Synonyms

FES; FPS; c-Fes; c-Fps; p93c-fes;
Tyrosine-protein kinase Fes/Fps; Feline sarcoma/Fujinami avian sarcoma oncogene homolog

Product Information

Source

Purification

≥ 80 % as determined by SDS-PAGE; ≥ 80 % as determined by HPLC.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 50 mM Tris-HCl, 200 mM NaCl, 5% glycerol. (pH 7.5). Contact us for customized product form or formulation.

Reconstitution

Please use running water to thaw it quickly.

Contact



www.abclonal.com

Background

Tyrosine-protein kinase Fes/Fps also known as proto-oncogene c-Fes/Fps is an enzyme that in humans is encoded by the FES gene. FES was originally cloned as a retroviral oncogene from feline (v-FES) and avian (v-FPS) sarcomas. This triggered the subsequent identification and cloning of the cellular FES (c-FES) genes (also referred to as FPS) in birds and mammals. This gene encodes the human cellular counterpart of a feline sarcoma retrovirus protein with transforming capabilities. Feline sarcoma oncogene has been shown to interact with BCAR1 and BCR gene.

Basic Information

Description

Recombinant Human FES/FPS Kinase is produced by E. coli expression system. The target protein is expressed with sequence (Ile448-Arg822) of Human FES (Accession #P07332) fused with a N-His tag.

Bio-Activity

The activity of FES is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

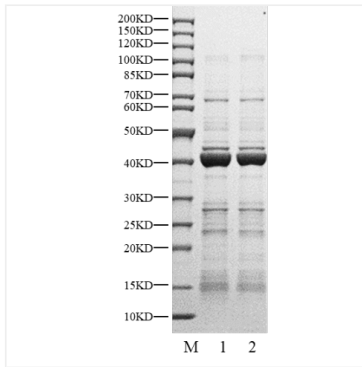
Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10 μL are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles.

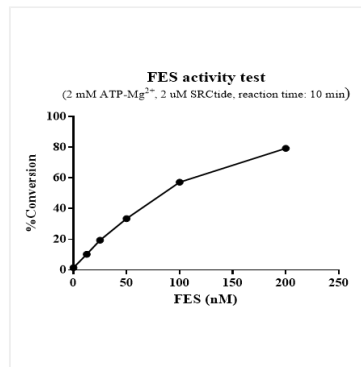
Avoid repeated freeze/thaw cycles.

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Validation Data



Recombinant Human FES/FPS Kinase was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.



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