Recombinant Human Proto-oncogene tyrosine-protein kinase Src/SRC Kinase

Catalog No.: RP03356LQ

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Sequence Information

Species
Human

Gene ID
6714

Swiss Prot
P12931

Tags
N-His-Flag

Synonyms
SRC; SRC1; p60-Src; Proto-oncogene c-Src; Proto-oncogene tyrosine-protein kinase Src

Product Information

Source
Baculovirus-Insect Cells

Purification
≥ 90 % as determined by SDS-PAGE;≥ 90 % as determined by HPLC.

Calculated MW
61.6 kDa

Observed MW
50-60 kDa

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

Formulation
Supplied as a 0.22 μm filtered solution in 50 mM HEPES, 150 mM NaCl, 1 mM ATP, 5 mM MgCl2 (pH 7.5). Contact us for customized product form or formulation.

Reconstitution
Please use running water to thaw it quickly.

Background

Proto-oncogene tyrosine-protein kinase Src, also known as c-Src, is a non-receptor tyrosine kinase protein that in humans is encoded by the SRC gene. It includes an SH2 domain, an SH3 domain and a tyrosine kinase domain. When src is activated, it promotes survival, angiogenesis, proliferation and invasion pathways. It also regulates angiogenic factors and vascular permeability after focal cerebral ischemia-reperfusion, and regulates matrix metalloproteinase-9 activity after intracerebral hemorrhage.

Basic Information

Description
Recombinant Human Proto-oncogene tyrosine-protein kinase Src/SRC Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Gly2-Leu536) of Human SRC (Accession #P12931) fused with a N-His-Flag tag.

Activity
The activity of SRC 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
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

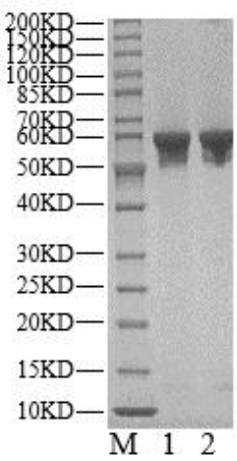
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

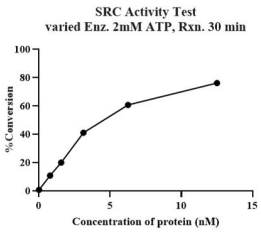
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human Proto-oncogene tyrosine-protein kinase Src/SRC Kinase was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.



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