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Datasheet for ABIN7317409

SRPK3 Protein (GST tag,His tag)

Overview

Quantity:	50 µg
Target:	SRPK3
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SRPK3 protein is labelled with GST tag,His tag.

Product Details

Purpose:	Recombinant Human STK23/MSSK1/SRPK3 Protein (His & GST Tag)
Sequence:	Met 1-Pro 566
Characteristics:	A DNA sequence encoding full length of human SRPK3 isoform 2 (NP_001164231.1) (Met 1-Pro 566) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	SRPK3
Alternative Name:	STK23/MSSK1/SRPK3 (SRPK3 Products)
Background:	Background: Serine / threonine-protein kinase SRPK3, also known as Muscle-specific serine kinase 1, Serine/arginine-rich protein-specific kinase 3, SR-protein-specific kinase 3, Serine / threonine-protein kinase 23, MSSK-1, SRPK3 and MSSK1, is a member of the protein kinase

Target Details

superfamily and CMGC Ser / Thr protein kinase family. SRPK3 is a protein kinase belonging to serine/arginine protein kinases (SRPK) family, which phosphorylates serine / arginine repeat-containing proteins, and is controlled by a muscle-specific enhancer directly regulated by MEF2. SRPK3 / MSSK1 contains one protein kinase domain. SRPK3 / MSSK1 is exclusively expressed in skeletal and heart muscle. It is required for normal muscle development. Myocyte enhancer factor 2 (MEF2) plays essential roles in transcriptional control of muscle development. Normal muscle growth and homeostasis require MEF2-dependent signaling by SRPK3.

Synonym: MGC102944;MSSK-1;MSSK1;STK23

Molecular Weight: 89.7 kDa

NCBI Accession: [NP_001164231](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 8.0

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.