

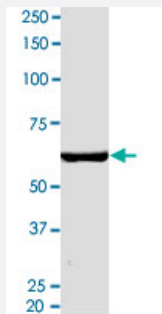
Bioactive

Full-Length

STK3 (Human) Recombinant Protein

Catalog # P4727 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human STK3 (NM_006281.2, 1 a.a.- 491 a.a.) full-length recombinant protein expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	56.884
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.271 ug/uL

Activity	47 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — STK3

Entrez GeneID	6788
Protein Accession#	NM_006281.2
Gene Name	STK3
Gene Alias	FLJ90748, KRS1, MST2
Gene Description	serine/threonine kinase 3 (STE20 homolog, yeast)
Omim ID	605030
Gene Ontology	Hyperlink
Gene Summary	Protein kinase activation is a frequent response of cells to treatment with growth factors, chemical s, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cell s to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstrea m of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of str ess conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents stra urosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 200 1 [PubMed 11278283]).[supplied by OMIM]
Other Designations	serine/threonine kinase 3 (Ste20, yeast homolog)

Pathway

- [MAPK signaling pathway](#)