

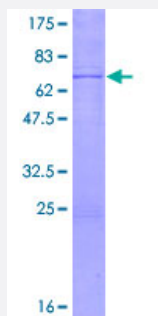
Full-Length

STK19 (Human) Recombinant Protein (P01)

Catalog # H00008859-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human STK19 full-length ORF (NP_004188.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MQKWFSADFDDAIQRQWRANPSRGGGGVSFTKEVDTNVATGAPRRQRPVGRACPWREPIRGR
RGARPGGGDAGGTPGETVRHCSAPEDPIFRFSSLHSYPFPGTIKSRDMSWKRHHLIPETFGVKRR
RKRGPVESDPLRGEPGSARAAVSELMQLFPRGLFEDALPPVLRQVYSLVPDRTVADRQLKEL
QEQGEIRIVQLGFDLDAHGIIFTEDYRTRVLKACDGRPYAGAVQKFLASVLPACGDLSFQQDQMTQ
TFGFRDSEITHLVNAGVLTVRDAGSWWLAVPGAGRFIKYFVKGRQAVLSMVRKAKYRELLSELL
GRRAPVVVRLGLTYHVHDLIGAQLVDCISTTSGTLLRLPET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.9

Interspecies Antigen Sequence

Mouse (85); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — STK19

Entrez GeneID[8859](#)**GeneBank Accession#**[NM_004197.1](#)**Protein Accession#**[NP_004188.1](#)**Gene Name**

STK19

Gene Alias

D6S60, D6S60E, G11, HLA-RP1, MGC117388, RP1

Gene Description

serine/threonine kinase 19

Omim ID[604977](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a serine/threonine kinase which localizes predominantly to the nucleus. Its specific function is unknown; it is possible that phosphorylation of this protein is involved in transcriptional regulation. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6 and expresses two transcript variants. [provided by RefSeq]

Other Designations

MHC class III HLA-RP1|Nuclear serine/threonine protein kinase|OTTHUMP00000029340|OTTHUMP00000029341|OTTHUMP00000062682

Disease

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