

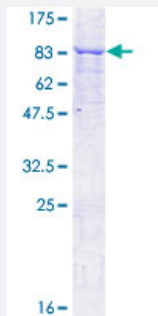
Full-Length

MKKS (Human) Recombinant Protein (P01)

Catalog # H00008195-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MKKS full-length ORF (NP_061336.1, 1 a.a. - 570 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSRLEAKKPSLCKSEPLTTERVRTTSLVLKRMVTSYGPSSGRLKQLHNGFGGYVCTTSQSSALLS
HLLVTHPIKILTASIQNHVSSFSDCGLFTAILCCNLIENVQRLGLPTTIVIRLNKHLLSLCISYLKSETC
GCRIPVDFSSQILLCLVRSILTSKPACMLTRKETEHVSALILRAFLLTIPENAEGHILGKSLVPLKG
QRVIDSTVLPGLIEMSEVQLMRLLPIKKSTALKVALFCTTSGDTSDTGEGTVVVSYGVSLENAVL
DQLNLNLRQLISDHVDLVLCQKQVIHPSLKQFLNMHRIAIDRIGVTLMEPLTKMTGTQPIGSLGSICPN
SYGSVKDVCTAKFGSKHFFHLIPNEATISLLLCNRNDTAWDELKLTCTALHVLQLTLKEPWALL
GGGCTETHLAAYIRHKTHNDPESILKDDECTQTELQLIAEAFCSALESVVGSLHDGGEILTDMKY
GHLWSVQADSPCVANWPDLLSQCGGLYNSQEELNWSFLRSTRPFVPPQSCLPHEAVGSASN
LTLDCLTAKLSGLQVAVETANLILDLSYVIEDKN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

88.7

Interspecies Antigen Sequence

Mouse (77); Rat (78)

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 — MKKS

Entrez GeneID	8195
GeneBank Accession#	NM_018848.2
Protein Accession#	NP_061336.1
Gene Name	MKKS
Gene Alias	BBS6, HMCS, KMS, MKS
Gene Description	McKusick-Kaufman syndrome
Omim ID	209900 236700 604896
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein with sequence similarity to the chaperonin family. The encoded protein may have a role in protein processing in limb, cardiac and reproductive system development. Mutations in this gene have been observed in patients with Bardet-Biedl syndrome type 6 and McKusick-Kaufman syndrome. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	McKusick-Kaufman syndrome protein OTTHUMP00000030274

Disease

- [Bardet-Biedl Syndrome](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Retinal Diseases](#)