

Recombinant Full Length Human MKKS Protein, GST-tagged

Cat. No. MKKS-6276HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MKKS full-length ORF (NP_061336.1, 1 a.a. - 570 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	570 amino acids
Description	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]
Molecular Mass	88.7 kDa
AA Sequence	MSRLEAKKPSLCKSEPLTTERVRTTSLVLKRIVTSCYGPSGRLKQLHNGFGGYVCTT SQSSALLSHLLVTHPILKILTASIQNHVSSFSDCGLFTAILCCNLIENVQRLGLTPTTVIR LNKHLLSLCISYLKSETCGCRIPVDFSSTQILLCLVRSILTSKPACMLTRKETEHVSALI LRAFLLTIPENAEGHIILGKSLIVPLKGQRVIDSTVLPGILIEMSEVQLMRLLPPIKKSTALK VALFCTTSLSGDTSDTGEGTVVVSYGVSLENVLDQLLNLGRQLISDHVDLVLCQKVIH PSLKQFLNMHRIIAIDRIGVTLMEPLTKMTGTQPIGSLGSICPNSYGSVKDVCTAKFGS KHFFHLIPNEATICSLLLCNRNDTAWDELKLTCQTALHVLQLTLKEPWALLGGGCTET

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HLAAYIRHKTHNDPESILKDDECTQTELQLIAEAFCSALESVVGSLHDGGEILTDMK
YGHLSVQADSPCVANWPDLLSQCGCLYNSQEELNWSFLRSTRRPFPVPSCLP
HEAVGSASNLTLDCLTAKLSGLQVAVETANLILDLSYVIEDKN

Applications

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

Notes

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

Storage

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

Storage Buffer

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

GENE INFORMATION

Gene Name

MKKS McKusick-Kaufman syndrome [Homo sapiens]

Official Symbol

MKKS

Synonyms

MKKS; McKusick-Kaufman syndrome; BBS6; McKusick-Kaufman/Bardet-Biedl syndromes putative chaperonin; bardet-Biedl syndrome 6 protein; KMS; MKS; HMCS;

Gene ID

8195

mRNA Refseq

NM_018848

Protein Refseq

NP_061336

MIM

604896

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UniProt ID

Q9NPJ1

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