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	MSRLEAKKPSLCKSEPLTTERVRTTLSVLKRIVTSCYGPSGRLKQLHNGFGGYVCTT SQSSALLSHLLVTHPILKILTASIQNHVSSFSDCGLFTAILCCNLIENVQRLGLTPTTVIR LNKHLLSLCISYLKSETCGCRIPVDFSSTQILLCLVRSILTSKPACMLTRKETEHVSALI LRAFLLTIPENAEGHIILGKSLIVPLKGQRVIDSTVLPGILIEMSEVQLMRLLPIKKSTALK VALFCTTLSGDTSDTGEGTVVVSYGVSLENAVLDQLLNLGRQLISDHVDLVLCQKVIH PSLKQFLNMHRIIAIDRIGVTLMEPLTKMTGTQPIGSLGSICPNSYGSVKDVCTAKFGS KHFFHLIPNEATICSLLLCNRNDTAWDELKLTCQTALHVLQLTLKEPWALLGGGCTET

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	HLAAYIRHKTHNDPESILKDDECTQTELQLIAEAFCSALESVVGSLEHDGGEILTDMK YGHLWSVQADSPCVANWPDLLSQCGCGLYNSQEELNWSFLRSTRRPFVPQSCLP 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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