

Recombinant Human MKS1 Protein, GST-tagged

Cat. No. MKS1-5378H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MKS1 full-length ORF (AAH10061.1, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene localizes to the basal body and is required for formation of the primary cilium in ciliated epithelial cells. Mutations in this gene result in Meckel syndrome type 1 and in Bardet-Biedl syndrome type 13. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	69.4 kDa
AA Sequence	MTTAASEVPSFLVERMANVRRRRQDRRGMEGGILKSRIVTWEPSEEFVRNNHVINTPLQTMHIMADL GPYKKLGYKKYEHVLCITLKVDSNGVITVKPDFTGLKGPYRIETEGEKQELWKYTIDNVSPHAQPEEEE RERRVFKDLYGRHKEYLSSLVGTDFEMTVPGALRLFVNGEVSAQGYEYDNLVHFFVELPTAHWSS PAFQQLSGVTQTCTTKSLAMDKVAHFSYPFTFEAFFLHEDESSDALPEWPVLYCEVLSLDFWQRYRV EGYGAVVLPATPGSHTLTVSTWRPVELGTVAELRRFFIGGSLELEDLSYVRIPGSFKGLSSSKTKEGR KVDGERVLNPQPVSLSLFPKGPHSTAWGLLRRLRYELFLSK
Applications	Antibody Production Functional Study Compound Screening

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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	MKS1 Meckel syndrome,type 1 [Homo sapiens]
Official Symbol	MKS1
Synonyms	MKS1;Meckel syndrome,type 1;MES;MKS;BBS13;POC12;Meckel syndrome type 1 protein;FABB proteome-like protein;POC12 centriolar protein homolog;OTTHUMP00000165109;OTTHUMP00000165110;FLJ20345;OTTHUMP00000165111;FABB proteome-like protein;POC12 centriolar protei
Gene ID	54903
mRNA Refseq	NM_001165927
Protein Refseq	NP_001159399
MIM	609883
UniProt ID	Q9NXB0

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