

Recombinant Full Length Human MKRN3 Protein, GST-tagged

Cat. No. MKRN3-6346HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MKRN3 full-length ORF (AAH44639.1, 1 a.a. - 507 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	507 amino acids
Description	The protein encoded by this gene contains a RING (C3HC4) zinc finger motif and several C3H zinc finger motifs. This gene is intronless and imprinted, with expression only from the paternal allele. Disruption of the imprinting at this locus may contribute to Prader-Willi syndrome. An antisense RNA of unknown function has been found overlapping this gene. [provided by RefSeq]
Molecular Mass	82.17 kDa
AA Sequence	MEEPAAPSEAHEAAGAQAAGAEAAAREGVSGPDLPVCEPSGESAAPDSALPHAARG WAPFPVAPVPAHLRRGGLRPAPASGGGAWPSPLPSRSSGIWTKQIICRYIYHGQCK EGENCRYSHDLGRKMATEGGVSPPGASAGGGPSTAAHIEPPTQEVAEAPPAASS LSLPVIGSAAERGFEEAERDNADRGAAAGGAGVESWADAIEFVPGQPYPYRGRWVASA PEAPLQSSETERKQMAVGSGLRFCYYASRGVCFRGESCMYLGHDICDMCGLQTLH PMDAAQREEHMRACIEAHEKDMELSAFVQQRGMKVCIGICMEVVYEKANPNDRRFG ILSNCNHSFCIRCIRRWRSARQFENRIVKSCPQCRVTSELVIPSEFWVEEEEEKQKLI QQYKEAMSNKACRYFAEGRGNCPFGDTCFYKHEYPEGWGDEPPGPGGGSFSAY

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	WHQLVEPVRMGEGNMLYKSIKKELVVLRLASLLFKRFLSLRDELPFSEDQWDLLHYE LEEYFNLIL
Applications	Antibody Production Functional Study Compound Screening
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	MKRN3 makorin ring finger protein 3 [Homo sapiens]
Official Symbol	MKRN3
Synonyms	MKRN3; makorin ring finger protein 3; D15S9, ZNF127; probable E3 ubiquitin-protein ligase makorin-3; MGC88288; RNF63; ZFP127; zinc finger protein 127; RING finger protein 63; D15S9; ZNF127;
Gene ID	7681
mRNA Refseq	NM_005664
Protein Refseq	NP_005655
MIM	603856

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UniProt ID

Q13064

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