

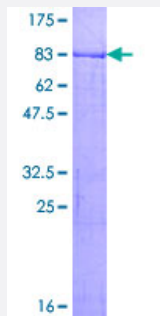
Full-Length

MKRN1 (Human) Recombinant Protein (P01)

Catalog # H00023608-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MKRN1 full-length ORF (NP_038474.1, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEAATPGTTATTSGAGAAAATAAAASPTPIPTVTAPSLGAGGGGGGSDGSGGGWTKQVTCRYF
MHGVCKEGDNCRYSHDLSDSPYSVVCKYFQRGYCYGDRCRYEHSKPLKQEEATATELTTKSSL
AASSSLSSIVGPLVEMNTGEAESRNSNFATVGAGSEDWVNAIEFVPGQPYCGRTAPSCTEAPLQ
GSVTKEESEKEQTAVETKKQLCPYAAVGECRYGENCVYLHGDSCDMCGLQLLHPMDAAQRSQ
HIKSCIEAHEKDMELSFVQVRSKDMVCGICMEVVYEKANPSERRFGILSNCNHTYCLKCIRKWRS
AKQFESKIIKSCPECRITSNFVIPSEYWVEEKEEKQKLILKYKEAMSNKACRYFDEGRGSCPFGGN
CFYKHAYPDGRREEPQRQKVGTSRRYRAQRNRHFWELIEERENSNPFDNDEEEVVTFELGEMLL
MLLAAGGDDELTDSEDEWDLFHDELEDFYDLDL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.8

Interspecies Antigen Sequence

Mouse (93)

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 — MKRN1

Entrez GeneID	23608
GeneBank Accession#	NM_013446.2
Protein Accession#	NP_038474.1
Gene Name	MKRN1
Gene Alias	FLJ21334, RNF61
Gene Description	makorin ring finger protein 1
Omim ID	607754
Gene Ontology	Hyperlink
Gene Summary	The Makorin ring finger protein-1 gene (MKRN1) is a highly transcribed, intron-containing source for a family of intronless mammalian genes encoding a novel class of zinc finger proteins. Phylogenetic analyses indicate that the MKRN1 gene is the ancestral founder of this gene family (Gray et al., 2000 [PubMed 10843807]).[supplied by OMIM]
Other Designations	-

Disease

- [Tobacco Use Disorder](#)