

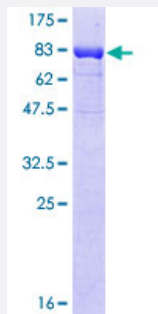
Full-Length

MKNK1 (Human) Recombinant Protein (P01)

Catalog # H00008569-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MKNK1 full-length ORF (AAH02755.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVSSQKLEKPIEMGSSEPLPIADGDRRRKKRRGRATDSLPGKFEDMYKLTSELLGEGAYAKVQ
GAVSLQNGKEYAVKIIKQAGHSRSRVFREVELYQCQRNKNILEIEFFEDDTRFYLVEKLGQGS
ILAHIQKQKHFNEREASRVVRGVAAALDFLHTKDKVSLCHLGWSAMAPSGLTAAPTSLGSSDPPT
SASQVAGTTGIAHRDLKPENILCESPEKVSPVKICDFDLGSGMKLNNSCTPITPELTTPCGSAEY
MAPEVVEVFTDQATFYDKRCDLWSLGVVLYMLSGYPPFVGHCADCGWDRGEVCRVCQNKLF
ESIQEGKYEFPDKDWAHISSEAKDLISKLLVRDAKQRLSAAQVLQHPWVQGQAPEKGLPTPQVL
QRNSSTMDLTLFAAEIALNRLLSQHEENELAEPEALADGLCSMKLSPPCKSRLARRRALAQA
GRGEDRSPPTAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.89

Interspecies Antigen Sequence

Mouse (85); Rat (85)

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 — MKNK1

Entrez GeneID	8569
GeneBank Accession#	BC002755
Protein Accession#	AAH02755.1
Gene Name	MKNK1
Gene Alias	MNK1
Gene Description	MAP kinase interacting serine/threonine kinase 1
Omim ID	606724
Gene Ontology	Hyperlink
Other Designations	MAP kinase interacting kinase 1 MAP kinase-interacting serine/threonine kinase 1 OTTHUMP0000009674

Pathway

- [Insulin signaling pathway](#)
- [MAPK signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)