

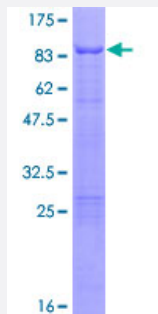
Full-Length

MAPK8IP2 (Human) Recombinant Protein (P01)

Catalog # H00023542-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MAPK8IP2 full-length ORF (AAH09940.2, 1 a.a. - 443 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADRAEMFSLSTFHSLSPPGCRPPQDISLEEFDDDELSEITDDCGLGLSYDS DHCEKDSLGLGR
SEQPHPICSFQDDFQEFEMIDDNEEEDDEEDDEEEEDAEDSAGSPGGRGTGPSAPRDASLVYDA
VKYTLVVDEHTQLELVSLRRCAGLGH DSEEDSGGEASEEEAAGAALLGGGQVSGDTSPDSPDLT
FSKKFLNVFVNSTSRSSSTESFGLFSCLVNGEEREQTHRAVFRFIPRHPDELELDVDDPVLVEAE
EDDFWFRGFNMRTGERGVFPAFYAHAVPGPAKDLLGSKRSPCWVERFDVQFLGSVEVPCHQG
NGILCAAMQKIATARKLTVHLRPPASCDLEISLRGVKLSLGGGPEFQRCSHFFQMKNISFCGCHP
RNSCYFGFITKHPLLSRFACHVFVSQESMRPVAQSVGRAFLEYQEHLAYACPTEDYLE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

75.5

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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 — MAPK8IP2

Entrez GeneID [23542](#)

GeneBank Accession# [BC009940.2](#)

Protein Accession# [AAH09940.2](#)

Gene Name MAPK8IP2

Gene Alias IB2, JIP2, PRKM8IPL

Gene Description mitogen-activated protein kinase 8 interacting protein 2

Omim ID [607755](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is closely related to MAPK8IP1/IB1/JIP-1, a scaffold protein that is involved in the c-Jun amino-terminal kinase signaling pathway. This protein is expressed in brain and pancreatic cells. It has been shown to interact with, and regulate the activity of MAPK8/JNK1, and MAP2K7/MKK7 kinases. This protein thus is thought to function as a regulator of signal transduction by protein kinase cascade in brain and pancreatic beta-cells. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene. [provided by RefSeq]

Other Designations JNK MAP kinase scaffold protein JIP2|JNK-interacting protein 2|PRKM8 interacting protein-like|homologous to mouse JIP-1|islet-brain 2

Pathway

- [MAPK signaling pathway](#)