

Recombinant Human MAPK8IP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MAPK8IP2-6302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MAPK8IP2 MS Standard C13 and N15-labeled recombinant protein (NP_057515) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a scaffold protein that is thought to be involved in the regulation of the c-Jun amino-terminal kinase signaling pathway. This protein has been shown to interact with and regulate the activity of MAPK8/JNK1 and MAP2K7/MKK7 kinases.
Molecular Mass	84.5 kDa
AA Sequence	MLPDFPSPSTWAPGLLLPSGPALLSPSVLQDSLGLRSEQPHPICSFQDDFQEFEMI DDNEEEDEDEEEEEEEEEEGDGEGQEGGDPGSEAPAPGPLIPSPSVEEPHKHRPT TLRLTTLGAQDSLNNNGGFDLVRPASWQETALCSPAPEALRELPGPLPATDTGPGG AQSPVRPGCDCEGNRPAEPPAPGGTSPSSDPGIEADLRSSGGRGRRSSQELS SPGSDSEDAGGARLGRMISSISETELELSSDGGSSSSGRSSHLTNSIEEASSPASEP EPPREPPRRPAFLPVGPDNTSEYESGSESEPDLSADSPWLLSNLVSRMISEGS SPIRCPGQCLSPAPRPPGEPVSPAGGAAQDSQDPEAAAGPGGVELVDMETLCAPP PPAPAAPRPGPAQPGPCLFLSNPTRDTITPLWAAPGRAARPGRACSAACSEEEDEE DDEEEEDAEDSAGSPGGRGTGPSAPRDASLVYDAVKYTLVDEHTQLELVSLRRC GLGHDSEEDSGGEASEEEAAGALLGGGQVSGDTSPDSPDLTFSKKFLNVFNSTS

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RSSSTESFGLFSCLVNGEEREQTHRAVFRFIPRHPDELELDVDDPVLVEAEEDDFW
FRGFNMRTGERGVFPAFYAHAVPGPAKDLLGSKRSPCWVERFDVQFLGSVEVPCH
QNGILCAAMQKIATARKLTVHLRPPASCDLEISLRGVKLSLSGGGPEFQRCSHFFQ
MKNISFCGCHPRNSCYFGFITKHPLLSRFACHVFVSQESMRPVAQSVGRAFLYYQ
EHLAYACPTEDIYLESGPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MAPK8IP2 mitogen-activated protein kinase 8 interacting protein 2 [Homo sapiens (human)]

Official Symbol MAPK8IP2

Synonyms MAPK8IP2; mitogen-activated protein kinase 8 interacting protein 2; PRKM8 interacting protein like, PRKM8IPL; C-Jun-amino-terminal kinase-interacting protein 2; IB2; islet brain 2; JIP2; JNK interacting protein 2; IB-2; JIP-2; islet-brain 2; islet-brain-2; JNK-interacting protein 2; homologous to mouse JIP-1; JNK MAP kinase scaffold protein 2; JNK MAP kinase scaffold protein JIP2; mitogen-activated protein kinase 8-interacting protein 2; PRKM8IPL;

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Gene ID	23542
mRNA Refseq	NM_016431
Protein Refseq	NP_057515
MIM	607755
UniProt ID	Q13387
SDS-PAGE	