

Product datasheet for TP319089

JIP2 (MAPK8IP2) (NM_016431) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human mitogen-activated protein kinase 8 interacting protein 2 (MAPK8IP2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219089 representing NM_016431 Red=Cloning site Green=Tags(s)

MLPDFPSPSTWAPGLLLPSGPALLSPSVLQDSLGRSEQPHPICSFQDDFQEFEMIDDNEEEDDEDEEE
EEEEEGDGEGQEGGDPGSEAPAPGPLIPSPSVEEPHKHRPTTLRLTTLGAQDSLNNNGGFDLVRPASWQ
ETALCSPAPEALRELPGLPATDTGPGGAQSPVRPGDCCEGNRPAEPPAPGGTSPSSDPGIEADLRSS
GGRGRRSSQELSSPGSDSEDAGGARLGRMISSISETELELSSDGGSSSSGRSSHLTNSIEEASSPASEP
EPPREPPRRPAFLPVGPDDTNSEYESGSESEPDLSEADSPWLLSNLVSRMISEGSSPIRCPGQCLSPAP
RPPGEPVSPAGGAAQDSQDPEAAAGPGGVELVDMETLCAPPPAPAAPRPGPAQPGPCLFLSNPTRDTIT
PLWAAPGRAARPGRACSAACSEEEDEEDDEEEEDAEDSAGSPGGRTGPSAPRDASLVYDAVKYTLVWDE
HTQLELVSLRRCAGLGHDSSEDSGGEASEEEEGAALLGGGQVSGDTPSPDLTFSKFLNVFNSTSR
SSTESFGLFCLVNGEEREQTHRAVFRFIPRHPDELELDVDDPVLVEAEEDDFWFRGFNMRTGERGVFPA
FYAHAVPGPAKDLLGSKRSPCWVERFDVQFLGSVEVPCHQGNLCAAMQKIATARKLTVHLRPPASCDL
EISLRGVKLSLGGGPEFQRCSHFFQMKNISFCGCHPRNSCYFGFITKHPLLSRFACHVFVSQESMRPVA
QSVGRAFLYYQEHLAYACPTEDIYLE

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	84.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_057515](#)

Locus ID: 23542

UniProt ID: [Q13387](#)

RefSeq Size: 3216

Cytogenetics: 22q13.33

RefSeq ORF: 2391

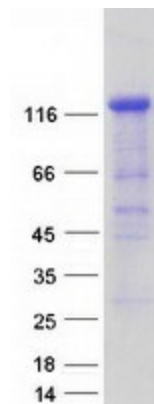
Synonyms: IB2; JIP2; PRKM8IPL

Summary: 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. [provided by RefSeq, Jun 2017]

Protein Families: Druggable Genome

Protein Pathways: MAPK signaling pathway

Product images:



Coomassie blue staining of purified MAPK8IP2 protein (Cat# TP319089). The protein was produced from HEK293T cells transfected with MAPK8IP2 cDNA clone (Cat# [RC219089]) using MegaTran 2.0 (Cat# [TT210002]).