

## Product datasheet for **TP319089M**

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219089 representing NM_016431 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLPDFPSPSTWAPGLLLPSGPALLSPSVLQDSLGRSEQPHPICSFQDDFQEFEMIDDNEEEDDEDEEE  
EEEEEGDGEGQEGGDPGSEAPAPGPLIPSPSVEEPHKHRPTTLRLTTLGAQDSLNNNGGFDLVRPASWQ  
ETALCSPAPEALRELPGLPATDTGPGGAQSPVRPGDCCEGNRPAEPPAPGGTSPSSDPGIEADLRSS  
GGRGRRSSQELSSPGSDSEDAGGARLGRMISSISETELELSSDGGSSSSGRSSHLTNSIEEASSPASEP  
EPPREPPRRPAFLPVGPDDTNSEYESGSESEPDLSEADSPWLLSNLVSRMISEGSSPIRCPGQCLSPAP  
RPPGEPVSPAGGAAQDSQDPEAAAGPGGVELVDMETLCAPPPAPAAPRPGPAQPGPCLFLSNPTRDTIT  
PLWAAPGRAARPGRACSAACSEEEDEEDDEEEEDAEDSAGSPGGRTGSPAPRDASLVYDAVKYTLVWDE  
HTQLELVSLRRCAGLGHDSSEDSGGEASEEEEGAALLGGGQVSGDTPSPDLTFSKFLNVFNSTSR  
SSTESFGLFCLVNGEEREQTHRAVFRFIPRHPDELELDVDDPVLVEAEEDDFWFRGNMRTGERGVFPA  
FYAHAVPGPAKDLLGSKRSPCWVERFDVQFLGSVEVPCHQNGILCAAMQKIATARKLTVHLRPPASCDL  
EISLRGVKLSLGGGPEFQRCSHFFQMKNISFCGCHPRNSCYFGFITKHPLLSRFACHVFVSQESMRPVA  
QSVGRAFLEYQEHLAYACPTEDIYLE

**SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV**

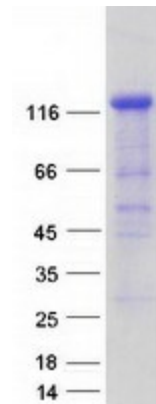
Tag:	C-Myc/DDK
Predicted MW:	84.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057515</a>
<b>Locus ID:</b>	23542
<b>UniProt ID:</b>	<a href="#">Q13387</a>
<b>RefSeq Size:</b>	3216
<b>Cytogenetics:</b>	22q13.33
<b>RefSeq ORF:</b>	2391
<b>Synonyms:</b>	IB2; JIP2; PRKM8IPL
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).