

Datasheet for ABIN7565050
IB2 Protein (AA 1-830) (His tag)



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Overview

Quantity:	1 mg
Target:	IB2 (JIP-2)
Protein Characteristics:	AA 1-830
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IB2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mapk8ip2 Protein expressed in mammalien cells.
Sequence:	<p>MADRAEMFSL STFHLSLPPG CRPPQDISLE EFDDDELSEI TDDCGLGLSY DSDHCEKDSL SLGRSEQPHP ICSFQDDFQE FEMIDDNEEE DDEEEEEEEEE EEEDGDRQ GK AGGGPGSQAL AGDSLIPSPS LEESHKL RPT TLHLTTLGAQ DSLNNNNGGF TSAPPSSWQE TVLRSPAQEP LKELPAPLLP AEEERHEVQS LARPGCDCEG NQPPEPPASS GGASPSSDPG IEADLRSHSS GGHEGRRSSQ ELSSPGSDSE DAGGARLGRM ISSISETELE LSSDGGSSSG RSSHLTNSIE EASSPASEPE PEPEPLHEPP RRP AFLPVGQ DDTNSEYESG SESEPDLS ED ADSPWLLSNL VSRMISEGSS PIRCPGQCLS PAPRLPEEAA SQANSVPQDC QDPEAGPHVE LVDMDTL CGP PPPAPAAPRL GPAQPGCLF LSNPTRDTIT PLWATPGRTA RPGRSCSAAC SEEEEEEEEE DEEDEEDAED SVVPPGSR TT GSTAPLDASL VYDAVKYTLV VDEHTQLELV SLRRCAGLGN DSEEDSSCEA SEEEAGATLL GSDQVPEDAS PDSPDLTFSK KFLNVFVNST SRSSSTESFG LFSCVNGEE REQTHRAVFR FIPRHPDELE LDVDDPVLVE AEEDDFWFRG FNMRTGERGV</p>

Product Details

FPAFYAHAVP GPAKDLLGSK RSPCWVDRFD VQFLGSVEVP CHQNGILCA AMQKIATARK
LTVHLRPPAS CDLEISLRGV KLSLSGGGPE FQRCSHFFQM KNISFCGCHP RNSCYFGFIT
KHPLLSRFAC HVFVSQESMR PVARSVGRAF LEYYQEHLAF ACPTEDIYLE **Sequence without tag.**

The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

IB2 (JIP-2)

Alternative Name:

Mapk8ip2 ([JIP-2 Products](#))

Background:

C-Jun-amino-terminal kinase-interacting protein 2 (JIP-2) (JNK-interacting protein 2) (Islet-brain-2) (IB-2) (JNK MAP kinase scaffold protein 2) (Mitogen-activated protein kinase 8-interacting protein 2),FUNCTION: The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module. JIP2 inhibits IL1 beta-induced apoptosis in insulin-secreting cells (By similarity). {ECO:0000250}.

Molecular Weight:

89.9 kDa

Target Details

UniProt: [Q9ERE9](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months