

Datasheet for ABIN7550849
PJA1 Protein (AA 1-643) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PJA1
Protein Characteristics:	AA 1-643
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PJA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PJA1 Protein expressed in mammalian cells.
Sequence:	<p>MGQESSKPWW PNPTGGYQSN TGRRYGRRHA YVSFRPPTSQ RERIASQRKT NSEVPMHRSA</p> <p>PSQTTKRSRP PFSTTRRSWD DSESSGTNLN IDNEDYSRYP PREYRASGSR RGMAYGHIDS</p> <p>YGADDSEEEG AGPVERPPVR GKTGKFKDDK LYDPEKGARS LAGPPPHFSS FSRDVRREERD</p> <p>KLDPVPAARC SASRADFLPQ SSVASQSSSE GKLATKGDSS ERERREQNLP ARPSRAPVSI</p> <p>CGGGENTSKS AEEPVVRPKI RNLASPNVCV PKIFFDTDDD DDMPHSTSRW RDTANDNEGH</p> <p>SDGLARRGRG ESSSGYPEPK YPEDKREARS DQVKPEKVPR RRRTMADPDF WTHSDDYYKY</p> <p>CEDESDSDKE WIAALRRKYR SREQTLSSSG ESWETLPGKE EREPPQAKVS ASTGTSPGPG</p> <p>ASASAGAGAG ASAGSNGSNY LEEVREPSLQ EEQASLEEGE IPWLQYHEND SSSEGDNDSDG</p> <p>HELMQPGVFM LDGNNNLEDD SSVSEDLVD WSLFDGFADG LGVAEAISSV DPQFLTYMAL</p> <p>EERLAQAMET ALAHLESLAV DVEVANPPAS KESIDALPEI LVTEDHGAVG QEMCCPICCS</p> <p>EYVKGEVATE LPCHHYFHKP CVSIWLQKSG TCPVCRCMFP PPL Sequence without tag. The</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PJA1
Alternative Name:	PJA1 (PJA1 Products)
Background:	E3 ubiquitin-protein ligase Praja-1 (Praja1) (EC 2.3.2.27) (RING finger protein 70) (RING-type E3 ubiquitin transferase Praja-1),FUNCTION: Has E2-dependent E3 ubiquitin-protein ligase activity. Ubiquitinates MAGED1 antigen leading to its subsequent degradation by proteasome (By similarity). May be involved in protein sorting. {ECO:0000250, ECO:0000269 PubMed:12036302}.
Molecular Weight:	71.0 kDa
UniProt:	Q8NG27

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.
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Restrictions:	For Research Use only
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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