

Datasheet for ABIN7554215

## Junctophilin 3 Protein (JPH3) (AA 1-748) (His tag)



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### Overview

Quantity:	1 mg
Target:	Junctophilin 3 (JPH3)
Protein Characteristics:	AA 1-748
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Junctophilin 3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat JPH3 Protein expressed in mammalian cells.
Sequence:	<p>MSSGGRFNFD DGGSYCGGWE DGKAHGHGVC TGPKGQGEYT GSWSHGFEVL GVYTWPSGNT</p> <p>YQGTWAQGKR HGIGLESKGK WYKGEWTHG FKGRYGVREC AGNGAKYEGT WSNGLQDGYG</p> <p>TETYSDDGGTY QGQWVGGMQR GYGVRQSVPY GMAAVIRSPL RTSINSLRSE HTNGTALHPD</p> <p>ASPAVAGSPA VSRGGFVLVA HSDSEILKSK KKGLFRRSLL SGLKLRKSES KSSLASQRSK</p> <p>QSSFRSEAGM STVSSTASDI HSTISLGEAE AELAVIEDDI DATTTETYVG EWKNDKRSFG</p> <p>GVSQRSDDLK YEGEWASNRR HGYGCMTFPD GTKEEGKYKQ NILVGGKRKN LIPLRASKIR</p> <p>EKVDRAVEAA ERAATIAKQK AEIAASRTSH SRAKAEALT AAQAQEEAR IARITAKEFS</p> <p>PSFQHRENGE EYQRPKRQTS CDDIEVLSTG TPLQQESPEL YRKGTTPSDL TPDDSPQLSF</p> <p>PTSPAATPPP APAARNKVAH FSRQSVDEE RGGDIQMLLE GRAGDCARSS WGEEQAGGSR</p> <p>GVRSGALRGG LLVDDFTRTG SGRKQPGNPK PRERRTESPP VFTWTSHHRA SNHSPGGSRRL</p> <p>LELQEEKLSN YRMEMKPLL R METHPQKRRY SKGGACRGLG DDHRPEDRGF GVQRLRSKAQ</p>

## Product Details

NKENFRPASS AEPVQKLAS LRLGGAEPRL LRWDLTFSPQ KSLPVALES DEENGDELKS  
STGSAPILVV MVILLNIGVA ILFINFFI **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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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:	Junctophilin 3 (JPH3)
Alternative Name:	JPH3 ( <a href="#">JPH3 Products</a> )
Background:	Junctophilin-3 (JP-3) (Junctophilin type 3) (Trinucleotide repeat-containing gene 22 protein),FUNCTION: Junctophilins contribute to the formation of junctional membrane complexes (JMCs) which link the plasma membrane with the endoplasmic or sarcoplasmic reticulum in excitable cells. Provides a structural foundation for functional cross-talk between the cell surface and intracellular calcium release channels. JPH3 is brain-specific and appears to have an active role in certain neurons involved in motor coordination and memory.
Molecular Weight:	81.5 kDa
UniProt:	<a href="#">Q8WXH2</a>

## 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