

Datasheet for ABIN7546930

Gap Junction Protein, delta 3, 31.9kDa (GJD3) (AA 1-294) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Gap Junction Protein, delta 3, 31.9kDa (GJD3)
Protein Characteristics:	AA 1-294
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat GJD3 Protein expressed in mammalian cells.
Sequence:	MGEWAFLGSL LDAVQLQSPL VGRLWLVVML IFRILVLATV GGAVFEDEQE EFVCNTLQPG CRQTCYDRAF PVSHYRFWLF HILLLSAPPV LFFVYSMHRA GKEAGGAEAA AQCAPGLPEA QCAPCALRAR RARRCYLLSV ALRLLAELTF LGGQALLYGF RVAPHFACAG PPCPHTVDCF VSRPTEKTVF VLFYFAVGLL SALLSVAELG HLLWKGRPRA GERDNRNRA HEEAQKLLPP PPPPPPPPAL PSRRPGPEPC APPAYAHPAP ASLRECGSGR GKASPATGRR DLAI 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	Gap Junction Protein, delta 3, 31.9kDa (GJD3)
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Alternative Name:	GJD3 (GJD3 Products)
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Background:	Gap junction delta-3 protein (Connexin-31.9) (Cx31.9) (Gap junction alpha-11 protein) (Gap junction chi-1 protein),FUNCTION: One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell. {ECO:0000250}.
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Molecular Weight:	31.9 kDa
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UniProt:	Q8N144
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Pathways:	Cell-Cell Junction Organization
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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