

Datasheet for ABIN7556290  
**GJa10 Protein (AA 1-505) (His tag)**



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## Overview

Quantity:	1 mg
Target:	GJa10
Protein Characteristics:	AA 1-505
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GJa10 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Gja10 Protein expressed in mammalien cells.
Sequence:	<p>MGDWNLLGGI LEEVHSHSTI VGKIWLTLF IFRMLVLGVA AEDVWDDEQS AFACNTQQPG</p> <p>CNNICYDDAF PISLIRFWVL QIIFVSSPSL VYMGHALYRL RDFEKQRQKK KLYLRAQMEN</p> <p>PELDLEEQR VDKELRRLEE QKRIHKVPLK GCLLRTYVLH ILTRSVLEVG FMIGQYILYG</p> <p>FQMHPIYKCT QAPCPNSVDC FVSRPTEKTI FMLFMHSIAA ISLLNILEI FHLGIRKIMR</p> <p>ALDGKSSSGN TENETGPPFH STNYSGTQQC MICSSLPERI SLLQANNKQQ VIRVNIPRSK</p> <p>SMWQIPHPRQ LEVDVSCGKR DWAEEKIESCA QLHVHSPCPH DRSARIQHPG QQPCHSVFGP</p> <p>KNAMSQSWFG TMTASQHRPS SALETWERSQ GPEASGRSLT DRQSHFQGSD GSARESGVWT</p> <p>DRLGPGSRKA SFLSRLMSEK GQRHSDSGSS RSLNSSCLDF SHGENSPSPL PSATGHRASM</p> <p>VSKSSHVDSP PHSSFIIHET YVYVY <b>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.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <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>
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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:	GJa10
Alternative Name:	Gja10 ( <a href="#">GJa10 Products</a> )
Background:	Gap junction alpha-10 protein (Connexin-57) (Cx57),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. Involved in tracer coupling between horizontal cells of the retina. May play a role in the regulation of horizontal cell patterning. {ECO:0000269 PubMed:15147297, ECO:0000269 PubMed:16820008, ECO:0000269 PubMed:17681699, ECO:0000269 PubMed:18320035}.
Molecular Weight:	57.1 kDa
UniProt:	<a href="#">Q9WUS4</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
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Application Details

	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