

Datasheet for ABIN7556873
GJB5 Protein (AA 1-271) (His tag)



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Overview

Quantity:	1 mg
Target:	GJB5
Protein Characteristics:	AA 1-271
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GJB5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Gjb5 Protein expressed in mammalien cells.
Sequence:	<p>MNWSVFEGLL SGV NKYSTAF GRIWLSLVFV FRVLVYLVT A ERVWGDDQKD FDCNTRQPGC</p> <p>TNVCYDEFFP VSHVRLWALQ LILVTCPSLL VVMHVAYRKA REKKYQEKIG EGYLYPNPGK</p> <p>KRGGLWWTYV FLSFKATID IIFLYLFHAF YPRYTLPSMV KCHAEP CPNT VDCFI AKPSE</p> <p>KNIFIVFMVV TAVICILLNL VELIYLVIKR CSECAQLRRP PTAHAKNDPN WANSPSKEKD</p> <p>FLSCDLIFLG SDAHPPLLPD RPRAHVKKTI L 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.</p>

Characteristics:	<p>Key Benefits:</p> <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
Grade:	custom-made

Target Details

Target:	GJB5
Alternative Name:	Gjb5 (GJB5 Products)
Background:	Gap junction beta-5 protein (Connexin-31.1) (Cx31.1),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.
Molecular Weight:	31.2 kDa
UniProt:	Q02739

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