



Recombinant *Gloeobacter violaceus* Aquaporin Z (aqpZ)

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| Product Code | CSB-CF742312GCI |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q7NNP3 |
| Product Type | Transmembrane Protein |
| Immunogen Species | <i>Gloeobacter violaceus</i> (strain PCC 7421) |
| Sequence | MSLVKRSVAEFIGTFWLVLGGCGAAVLAAAFPNLGIGFAGVSLAFGLTLLTMAF AIGHISGCHINPAVSIGLWAAKRFPATELLPYIAAQVLGGIAGAGVLYLIAGGKA GFSLSGGFASNGYGLHSPGGYTLACLVCVVMTFMFLMILGSTDRRAPKGF APIAIGLSLTLIHLISIPVTNTSVNPARSTGPALFVGDWAI AELWFLWLAPIVGAAL AGLFYHAFLEPGEETEGTPASAQLRTEA |
| Source | in vitro E.coli expression system |
| Target Names | aqpZ |
| Protein Names | Recommended name: Aquaporin Z |
| Expression Region | 1-248 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Shelf Life | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |