



# Recombinant *Oryza sativa* subsp. *japonica* Aquaporin PIP1-1 (PIP1-1)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-CF738633OFG  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                 |
| <b>Uniprot No.</b>       | Q6EU94   |
| <b>Product Type</b>      | Transmembrane Protein  |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)  |
| <b>Sequence</b>          | MEGKEEDVRLGANRYSERQPIGTAAQGAGDDKDYKEPPPAPLFEPGELKSW<br>SFYRAGIAEFVATFLFLYITILTVMGVSKSSSKCATVGIQGIAWSFGGMIFALVYC<br>TAGISGGHINPAVTFGLFLARKLSLTRAIFYIVMQCLGAICGAGVVKGFQQGLY<br>MGNGGGANVVASGYTKGDGLGAEIVGTFILVYTVFSATDAKRNARDSHVPILA<br>PLPIGFAVFLVHLATIPITGTGINPARSLGAAIYNKDHWNDHWIFWVGPVGA<br>ALAAIYHQVIIRAIPFKSRS |
| <b>Source</b>            | in vitro E.coli expression system  |
| <b>Target Names</b>      | PIP1-1   |
| <b>Protein Names</b>     | Recommended name: Aquaporin PIP1-1 Alternative name(s): OsPIP1;1 Plasma membrane intrinsic protein 1-1 Plasma membrane intrinsic protein 1a Short name= PIP1a Water channel protein RWC1 Short name= RWC-1   |
| <b>Expression Region</b> | 1-289  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                 |