

## Product Datasheet

### Mouse Aqp2 Protein (orb1476781)

<b>Description</b>	Recombinant Mouse Aquaporin-2(Aqp2)
<b>Endotoxins</b>	Not test.
<b>Preservatives</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Form/Appearance</b>	Liquid or Lyophilized powder
<b>Storage</b>	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.
<b>Tag</b>	N-terminal 10xHis-tagged
<b>Note</b>	For research use only
<b>Application notes</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Protein Sequence</b>	MWELRSIAFSRAVLAEFLATLLFVFFGLGSALQWASSPPSVLQIAVAFGLGIGTLV QALGHVSGAHINPAVTVAACLVGCHVSFLRAAFYVAAQLLGAVAGAAILHEITPVEI RGDLAVNALHNNATAGQAVTVELFTMLVLCIFASTDERRSDNLGSPALSIGFS VTLGHLLGIYFTGCSMNPARSLAPAVVTGKFDDHWWFVIGPLVGAVIGSLLYNYL LFPSTKSLQERLAVLKGLEPDTDWEEREVRRRQSVELHSPQSLPRGSKA
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Source</b>	in vitro E.coli expression system
<b>MW</b>	30.5 kDa
<b>Uniprot ID</b>	<b>P56402</b>
<b>Expiration Date</b>	6 months from date of receipt.