



# Recombinant Dugong dugon Aquaporin-2 (AQP2)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-CF001962DMV  |
| <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>       | O77714   |
| <b>Product Type</b>      | Transmembrane Protein  |
| <b>Immunogen Species</b> | Dugong dugon (Dugong) (Trichechus dugon)   |
| <b>Sequence</b>          | SIAFSRAVFSEFLATLLFVFFGLGSALNWPQALPSVLQIAMAFGLAIGTLVQALG<br>HISGAHINPAVTVACLVGCHVSFLRATFYLAAQLLGAVAGAAILHEITPPDIRG  |
| <b>Source</b>            | in vitro E.coli expression system  |
| <b>Target Names</b>      | AQP2   |
| <b>Protein Names</b>     | Recommended name: Aquaporin-2 Short name= AQP-2 Alternative name(s):<br>ADH water channel Aquaporin-CD Short name= AQP-CD Collecting duct water<br>channel protein WCH-CD Water channel protein for renal collecting duct  |
| <b>Expression Region</b> | 1-109  |
| <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. |