

## Aquaporin-3 (AQP3) Recombinant Protein | AQP3 recombinant protein

Recombinant Human Aquaporin-3 (AQP3)

CATALOG #  
AAA230605

HOST  
Cell Free Expression

### PRODUCT SYNONYMS

Aquaporin-3 (AQP3); Recombinant Human Aquaporin-3 (AQP3); AQP3 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Cell Free Expression                                                                                                                                                                                                                                                                                                                         |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                    |
| Form/Format             | Liquid containing glycerol                                                                                                                                                                                                                                                                                                                   |
| Sequence Positions      | 1-292aa; full length protein                                                                                                                                                                                                                                                                                                                 |
| Sequence                | MGRQKELVSR CGEMLHIRYR LLRQALAECL GTLILVMFGC GSVAQVLSR GTHGGFLTIN LAFGFAVTLG<br>ILIAGQVSGA HLNPAVTFAM CFLAREPWIK LPIYTLAQL GAFLGAGIVF GLYYDAIWHF ADNQLFVSGP<br>NGTAGIFATY PSGHLDMMING FFDQFIGTAS LIVCVLAIVD PYNNPVPRGL EAFTVGLVVL VIGTSMGFNS<br>GYAVNPARDF GPRLFTALAG WGSAVFTTGQ HWWWWPIVSP LLGSIAGVFV YQLMIGCHLE QPPPSNEEEN<br>VKLAHVKHKE QI |
| Sequence Length         | 292                                                                                                                                                                                                                                                                                                                                          |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                        |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.<br>Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.                                                                                                                                         |

### ADDITIONAL INFORMATION

|                                                        |                       |
|--------------------------------------------------------|-----------------------|
| Product Categories/Family for AQP3 recombinant protein | Transmembrane Protein |
|--------------------------------------------------------|-----------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 970259826                                              |
| NCBI GeneID                      | 360                                                    |
| NCBI Accession #                 | NP_001305073.1                                         |
| NCBI GenBank Nucleotide #        | NM_001318144.1                                         |
| UniProt Accession #              | Q92482; O00108; Q6FGT2; Q6FGW6; A8K843; B2RE16; D3DRL3 |
| Molecular Weight                 | 29,987 Da                                              |
| NCBI Official Full Name          | aquaporin-3 isoform 2                                  |
| NCBI Official Synonym Full Names | aquaporin 3 (Gill blood group)                         |
| NCBI Official Symbol             | AQP3                                                   |
| NCBI Official Synonym Symbols    | GIL; AQP-3                                             |

|                            |             |
|----------------------------|-------------|
| NCBI Protein Information   | aquaporin-3 |
| UniProt Protein Name       | Aquaporin-3 |
| UniProt Gene Name          | <b>AQP3</b> |
| UniProt Synonym Gene Names | AQP-3       |
| UniProt Entry Name         | AQP3_HUMAN  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/aqp3-recombinant-protein-cell-free-expression/230605>