

## Recombinant Human AQP8 protein, GST-tagged

**Cat. No.** AQP8-736H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human AQP8 full-length ORF ( AAH40630, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues. [provided by RefSeq, Jul 2008]        |
| <b>Molecular Mass</b>   | 53.79 kDa                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MCEPEFGNDKAREPSVGGRWRVSWYERFVQPCLVELLGSALFIFIGCLSVIENGTD<br>TGLLQPALAHGLALGLVIATLGNISGGHFNPAVSLAAMLIGGLNLVMLLPYWVSQLLG<br>GMLGAALAKAVSPEERFWNASGAAFVTVQEQQVAGALVAEIIITLLALAVCMGAI<br>NEKTKGPLAPFSIGFAVTVDILAGGPVSGGCMNPARAFGPAVVANHWNFWHIYWLG<br>PLLAGLLVGLLIRCFIGDGKTRLILKAR |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);<br>Antibody Production; Protein Array                                                                                                                                                                |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                        |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** AQP8 aquaporin 8 [ Homo sapiens ]

**Official Symbol** AQP8

**Synonyms** AQP8; aquaporin 8; aquaporin-8; AQP-8;

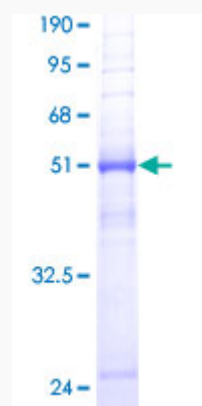
**Gene ID** 343

**mRNA Refseq** NM\_001169

**Protein Refseq** NP\_001160

**MIM** 603750

**UniProt ID** O94778



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA