

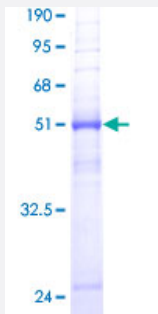
Full-Length

AQP8 (Human) Recombinant Protein (P01)

Catalog # H00000343-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human AQP8 full-length ORF (AAH40630, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MCEPEFGNDKAREPSVGGRWRVSWYERFVQCLVELLSALFIFIGCLSVIENGTDGTLQPALA
HGLALGLVIATLGNISGGHFNPVSLAAMLIGGLNLVMLLPYWVSQLLGGMLGAALAKAVSPEERF
WNASGAAFVTVQEQGQVAGALVAEIIITLLALAVCMGAINETKGLAPFSIGFAVTVDILAGGPV
SGGCMNPARAFGPAVVANHWNFWIYWLGPLLAGLLVGLLIRCFIGDGKTRLILKAR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53.79

Interspecies Antigen Sequence

Mouse (76); Rat (75)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — AQP8

Entrez GeneID [343](#)

GeneBank Accession# [BC040630](#)

Protein Accession# [AAH40630](#)

Gene Name AQP8

Gene Alias -

Gene Description aquaporin 8

Omim ID [603750](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)