

Recombinant Full Length Human AQP8 Protein, GST-tagged

Cat. No. AQP8-1126HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AQP8 full-length ORF (AAH40630, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	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]
Molecular Mass	53.79 kDa
AA Sequence	MCEPEFGNDK AREPSVGGRW RVSWYERFVQ PCLVELLGSA LFIFIGCLSV IENGTD TGLL QPALAHGLAL GLVIATLGNI SGGHFNPAVS LAAMLIGGLN LVMLLPYWVS QLLGGMLGAA LAKAVSPEER FWNASGA AFV TVQEQQQVAG ALVAEIILTT LLALAVCMGA INEKTGKPLA PFSIGFAVTV DILAGGPVSG GCMNPARAFG PAVVANHWNF HWIYWLGPLL AGLLVGLLIR CFIGDGKTRL ILKAR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	AQP8 aquaporin 8 [Homo sapiens]
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Official Symbol	AQP8
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Synonyms	AQP8; aquaporin 8; aquaporin-8; AQP-8
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Gene ID	343
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mRNA Refseq	NM_001169
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Protein Refseq	NP_001160
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MIM	603750
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UniProt ID	O94778
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