

Recombinant Full Length Human AQP8 Protein

Cat. No. AQP8-27HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Aquaporin 8 with N terminal proprietary tag; Predicted MWt 54.16 kDa.
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.
Form	Liquid
Molecular Mass	54.160kDa inclusive of tags
AA Sequence	MCEPEFGNDK AREPSVGGRW RVSWYERFVQ PCLVELLGSA LFIFIGCLSV IENGTDGTLG QPALAHGLAL GLVIATLGNI SGGHFNPAVS LAAMLIGGLN LVMLLPYWVS QLLGGMLGAA LAKAVSPEER FWNASGAAFV TVQEQQQVAG ALVAEIILTT LLALAVCMGA INEKTGKPLA PFSIGFAVTV DILAGGPVSG GCMNPARAFG PAVVANHWNF HWIYWLGPLL AGLLVGLLIR CFIGDGKTRL ILKAR
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.
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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
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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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