

Aquaporin-4 (AQP4) Recombinant Protein | AQP4 recombinant protein

Recombinant Human Aquaporin-4 (AQP4)

CATALOG # AAA81686	HOST Cell Free Expression
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PRODUCT SYNONYMS

Aquaporin-4 (AQP4); Recombinant Human Aquaporin-4 (AQP4); Recombinant Human Aquaporin-4 (AQP4) (His tagged); Aquaporin-4; AQP-4; Mercurial-insensitive water channel; MIWC; WCH4; AQP4 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	1-323aa; Full Length
Sequence	MSDRPTARRW GKCGPLCTRE NIMVAFKGVW TQAFWKAVTA EFLAMLIFVL LSLGSTINWG GTEKPLPVDML VLISLCFGLS IATMVQCFCGH ISGGHINPAV TVAMVCTRKI SIAKSVFYIA AQCLGAIIGA GILYLVTPPS VVGGLGVTMV HGNLTAGHGL LVELIITFQL VFTIFASCDS KRTDVTGSIA LAIGFSVAIG HLFAINYTGA SMNPARSFGP AVIMGNWENH WIYWVGPIIG AVLAGGLYEY VFCPDVEFKR RFKEAFSKAA QQTKGSYMEV EDNRSQVETD DLILKPGVVH VIDVDRGEEK KGKDQSGEVL SSV
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502181
NCBI GeneID	361
NCBI Accession #	NP_001641.1
NCBI GenBank Nucleotide #	NM_001650.4
UniProt Accession #	P55087 ; P78564
Molecular Weight	34,830 Da
NCBI Official Full Name	aquaporin-4 isoform a
NCBI Official Synonym Full Names	aquaporin 4
NCBI Official Symbol	AQP4
NCBI Official Synonym Symbols	MIWC; HMIWC2
NCBI Protein Information	aquaporin-4; WCH4; aquaporin type4; mercurial-insensitive water channel
UniProt Protein Name	Aquaporin-4
UniProt Gene Name	AQP4
UniProt Synonym Gene Names	AQP-4; MIWC
UniProt Entry Name	AQP4_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/aqp4-recombinant-protein-cell-free-expression/81686>