

Aquaporin 4 (AQP4) Recombinant Protein | AQP4 recombinant protein

Recombinant Aquaporin 4 (AQP4)

CATALOG # AAA153360	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Aquaporin 4 (AQP4); Recombinant Aquaporin 4 (AQP4); Aquaporin 4; AQP4 recombinant protein (prokaryotic); Mouse; HMIWC2; MIWC; WCH4; Mercurial-insensitive water channel; AQP4 recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Ser177~Ile304
Applicable Applications for AQP4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.3
Subcellular Location	Membrane
Research Area	Signal transduction
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Amino Acid Info
Amino Acid info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for AQP4 recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160415211
NCBI GeneID	11829
NCBI Accession #	NP_033830.2
NCBI GenBank Nucleotide #	NM_009700.2
UniProt Accession #	P55088; P97818; Q4FJP1; Q61131; Q61132; Q8VHE4; Q8VHE5; Q9EQI3
Molecular Weight	34,436 Da
NCBI Official Full Name	aquaporin-4
NCBI Official Synonym Full Names	aquaporin 4
NCBI Official Symbol	Aqp4
NCBI Official Synonym Symbols	WCH4
NCBI Protein Information	aquaporin-4; AQP-4; mercurial-insensitive water channel
UniProt Protein Name	Aquaporin-4
UniProt Gene Name	Aqp4
UniProt Synonym Gene Names	AQP-4; MIWC
UniProt Entry Name	AQP4_MOUSE

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-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153360>