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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AQP4 (Human) Recombinant Protein (P01)

Catalog Number: H00000361-P01

Regulation Status: For research use only (RUO)

Product Description: Human AQP4 full-length ORF (AAH22286.1, 1 a.a. - 323 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MSDRPTARRWGKCGPLCTRENIMVAFKGVWTQAFW
KAVTAEFLAMLIFVLLSLGSTINWGGTEKPLPVDMLIS
LCFGLSIATMVQCFCGHISGGHINPAVTVAMVCTRKISIA
KSVFYIAAQCLGAIIGAGILYLVTPPSVVGGLGVTMVHG
NLTAGHGLLVELIITFQLVFTIFASCDKRTDVTGSIALAI
GFSVAIGHLFAINYTGASMNPARSFGPAVIMGNWENH
WIYWVGPIIGAVLAGGLYEYVFCPDVEFKRRFKEAFSK
AAQQTKGSYMEVEDNRSQVETDDLILKPGVVHVIDVD
RGEEKKGKDQSGEVLSSV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.2

Interspecies Antigen Sequence: Mouse (93); Rat (94)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 361

Gene Symbol: AQP4

Gene Alias: HMIWC2, MGC22454, MIWC

Gene Summary: This gene encodes a member of the aquaporin family of intrinsic membrane proteins that function as water-selective channels in the plasma membranes of many cells. The encoded protein is the predominant aquaporin found in brain. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]