

Recombinant Human AQP4 protein, His-GST-tagged

Cat. No. AQP4-9735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AQP4 protein(Cys178~Gly317), fused with N-terminal His and GST Tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys178~Gly317
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	45kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	AQP4 aquaporin 4 [Homo sapiens]
Official Symbol	AQP4
Synonyms	AQP4; aquaporin 4; aquaporin-4; MIWC; WCH4; aquaporin type4; mercurial-insensitive water channel; HMIWC2; MGC22454;
Gene ID	361
mRNA Refseq	NM_001650
Protein Refseq	NP_001641
MIM	600308
UniProt ID	P55087

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