Recombinant Mouse Aqp2, His-tagged

Cat. No. Aqp2-3597M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Aquaporin-2 (Aqp2)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	271
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Aqp2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Aqp2 aquaporin 2 [Mus musculus]
Official Symbol	Aqp2
Synonyms	AQP2; aquaporin 2; aquaporin-2; AQP-2; aquaporin-CD; ADH water channel; collecting duct water channel protein; water channel protein for renal collecting duct; cph; jpk; AQP-CD; WCH-CD;
Gene ID	11827
mRNA Refseq	NM_009699
Protein Refseq	NP_033829
Pathway	Aquaporin-mediated transport, organism-specific biosystem; Regulation of Water Balance by Renal Aquaporins, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Vasopressin-regulated water reabsorption, org
Function	PDZ domain binding; actin binding; glycerol transmembrane transporter activity; porin activity; transporter activity; water channel activity; water transmembrane transporter activity;

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