

Recombinant Rat Aqp7, His-tagged

Cat. No. Aqp7-3603R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Aquaporin-7 (Aqp7)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	269
Description	may play a role in fluid transport and homeostasis during testis development and spermatogenesis .
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 Aqp7 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

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Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Aqp7 aquaporin 7 \[Rattus norvegicus \]](#)

Official Symbol [Aqp7](#)

Synonyms [AQP7](#); [aquaporin 7](#); [aquaporin-7](#); [AQP-7](#); [aquaglyceroporin-7](#);

Gene ID [29171](#)

mRNA Refseq [NM_019157](#)

Protein Refseq [NP_062030](#)

Pathway

Aquaporin-mediated transport, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of Glycerol fro

Function

glycerol channel activity; glycerol channel activity; transporter activity; urea channel activity; water channel activity; water channel activity;

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