

Recombinant Human Aquaporin4 protein (GST,His tag)



Catalog Number:PDEH100423

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Aquaporin-4;AQP4;Mercurial-insensitive water channel
Species	Human
Expression Host	E.coli
Sequence	Asn 206-Val 323
Accession	P55087
Calculated Molecular Weight	37.9 kDa
Observed molecular weight	40 kDa
Tag	N-GST & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Forms a water-specific channel. Osmoreceptor which regulates body water balance and mediates water flow within the central nervous system.

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