



Certificate of Analysis

AQP4 Protein, Mouse (Cell-Free, His)

Cat. No.:	HY-P702216
Batch No.:	387172
Species:	Mouse
Source:	<i>E. coli</i> Cell-free
Tag:	N-10*His
Accession:	P55088 (M1-V323)
Gene ID:	11829
Molecular Weight:	Observed band size: Monomer: 38 kDa Dimer: 76 kDa It is speculated that the protein forms a dimeric structure.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add 5-50% of glycerol (final concentration). Our default final concentration of glycerol is 50%. Customers could use it as reference.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

Caution: Product has not been fully validated for medical applications. For research use only.

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