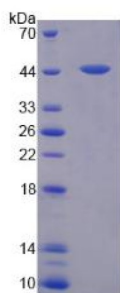
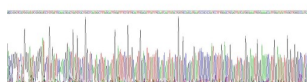


Human Aquaporin-4 (AQP4) Protein

Catalogue No.: abx168261



SDS-PAGE analysis of recombinant Human Aquaporin-4 Protein.



Gene sequencing extract of recombinant Human Aquaporin-4 Protein.

Human Aquaporin-4 Protein is a recombinant Human protein expressed in E. coli.

This protein is the immunogen for the following antibodies: [abx128716](#), [abx131904](#), [abx131905](#), [abx274546](#)

Target:	Aquaporin-4 (AQP4)
Research Area:	Signal Transduction, Metabolism, Infection Immunity, Neuroscience
Origin:	Human
Expression:	Recombinant
Tested Applications:	WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Activity:	Not tested
Purity:	> 90%

Datasheet

Version: 4.0.0
Revision date: 08 Oct 2025



Reconstitution:	Reconstitute in ddH ₂ O to a concentration between 0.1-0.5 mg/ml. Do not vortex.
Storage:	Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P55087 (UniProt , ExPASy)
Gene Symbol:	AQP4
KEGG:	hsa:361
String:	9606.ENSP00000372654
Molecular Weight:	Calculated MW: 45.4 kDa Observed MW (SDS-PAGE): 45 kDa
Sequence Fragment:	Cys178-Gly317
Sequence:	CDS KRTDVTGSIA LAIGFSVAIG HLFAINYTGA SMNPARSFGP AVIMGNWENH WIYWVGPIIG AVLAGGLYEY VFCDVEFKR RFKEAFSKAA QQTGGSYMEV EDNRSQVETD DLILKPGVVH VIDVDRGEEK KGKDQSG
Tag:	N-terminal His tag and GST tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration:	Prior to lyophilization: 50 µg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.