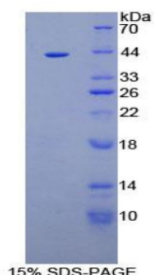


Human Aquaporin 2 (AQP2) Protein

Catalogue No.: abx065447



SDS-PAGE analysis of Human AQP2 Protein.

Recombinant Aquaporin 2 (AQP2) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target: Aquaporin 2 (AQP2)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 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: P41181 ([UniProt](#), [ExPASy](#))

Gene Symbol: AQP2

Datasheet

Version: 4.0.0
Revision date: 13 Oct 2025



GeneID: [359](#)

OMIM: [107777](#)

HGNC: 634

KEGG: hsa:359

Ensembl: ENSG00000167580

String: [9606.ENSP00000199280](#)

Molecular Weight: Calculated MW: 42.6 kDa

Sequence Fragment: His177-Ala271

Sequence: HYTG CSMNPARSLA PAVVTGKFDD HWVFWIGPLV GAILGSLLYN YVLFPPAKSL
SERLAVLKGLEPDTDWEERE VRRRQSVELH SPQSLPRGTK A

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.

Concentration: Prior to lyophilization: 200 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.