

Recombinant Human AQP5 Full Length Transmembrane protein, His-tagged

Cat. No. AQP5-222H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AQP5 protein(P55064)(1-265aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Human
Source	E.coli
ProteinLength	1-265aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31.1 kDa
AA Sequence	MKKEVCSVAFLKAVFAEFLATLIFVFFGLGSALKWPSALPTILQIALAFGLAIGTLAQAL GPVSGGHINPAITLALLVGNQISLLRAFFYVAAQLVGAIAGAGILYGVAPLNARGNLAV NALNNNTTQGGAMVVELILTFQLALCIFASTDSRRTSPVGPALSIGLSVTLGHLVGIY FTGCSMNPARSFGPAVVMNRFSPAHHVFWVGPIVGAVLAAILYFYLLFPNSLSLSE VAIIKGTYPDEDWEEQREERKKTMELTTR
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name AQP5 aquaporin 5 [Homo sapiens]

Official Symbol AQP5

Synonyms AQP5; aquaporin 5; aquaporin-5; AQP-5;

Gene ID 362

mRNA Refseq NM_001651

Protein Refseq NP_001642

MIM 600442

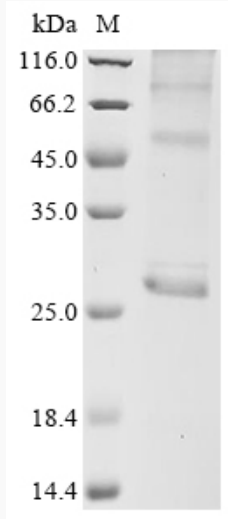
UniProt ID P55064

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SDS-PAGE



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