

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 NALNNNTTQGQAMVVELILTFQLALCIFASTDSRRTSPVGSPALSIGLSVTLGHLVGIIY FTGCSMNPARSFGPAVVMNRFSPAHHWVFWVGPIVGAVLAAILYFYLLFPNSLSLSER 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

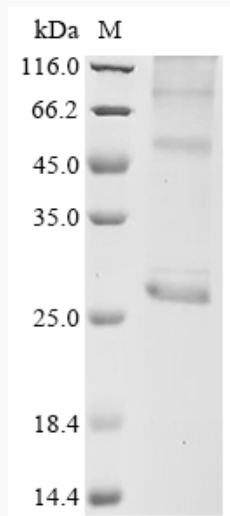
Gene Name	AQP5 aquaporin 5 [Homo sapiens]
Official Symbol	AQP5
Synonyms	AQP5; aquaporin 5; aquaporin-5; AQP-5;
Gene ID	362
mRNA Refseq	NM_001651
Protein Refseq	NP_001642
MIM	600442
UniProt ID	P55064

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SDS-PAGE



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