Recombinant Human AQP6 protein, His-tagged

Cat. No. AQP6-2680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AQP6 protein(221 - 282 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	221 - 282 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MLMGALLASLIYNFVLFPDTKTLAQRLAILTGTVEVGTGAGAGAEPLKKESQPGSGA VEMESV
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ɡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	AQP6 aquaporin 6, kidney specific [Homo sapiens]
Official Symbol	AQP6
Synonyms	AQP6; aquaporin 6, kidney specific; AQP2L; aquaporin-6; hKID; AQP-6; kidney-specific aquaporin; aquaporin-6, kidney specific; aquaporin 2-like, kidney specific; KID;
Gene ID	363
mRNA Refseq	NM_001652
Protein Refseq	NP_001643
MIM	601383
UniProt ID	Q13520

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