

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 Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MLMGALLASLIYNFVLPDGTKLAQRLAILTGTVEVGTGAGAGAEPLKKESQPGSGA 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 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA