

Recombinant Human AQP9 protein, MYC/DDK-tagged

Cat. No. AQP9-3608H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AQP9 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	AQP9 aquaporin 9 [Homo sapiens]
Official Symbol	AQP9
Synonyms	AQP9; aquaporin 9; aquaporin-9; HsT17287; SSC1; aquaglyceroporin-9; small solute channel 1; AQP-9;
Gene ID	366
mRNA Refseq	NM_020980
Protein Refseq	NP_066190
MIM	602914
UniProt ID	O43315

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