

## Recombinant Human AQP5 lysate

Cat. No. AQP5-33HCL    Lot. No. (See product label)

### SPECIFICATION

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| Product Overview    | Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer     |
| Species             | Human                                                                                    |
| Source              | HEK293                                                                                   |
| Molecular Mass      | 31645.91Da                                                                               |
| Recommended Usage   | WB                                                                                       |
| Storage Instruction | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°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                              |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Refseq</b>      | NP_001642                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>                 | 600442                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>          | P55064                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 12q13                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Pathway</b>             | Aquaporin-mediated transport, organism-specific biosystem; Passive Transport by Aquaporins, organism-specific biosystem; Salivary secretion, organism-specific biosystem; Salivary secretion, conserved biosystem; Stabilization and expansion of the E-cadherin adherens junction, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; |
| <b>Function</b>            | protein binding; transporter activity; water channel activity;                                                                                                                                                                                                                                                                                                                            |

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