

Product datasheet for **TP503566**

Aqp1 (NM_007472) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse aquaporin 1 (Aqp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR203566 representing NM_007472 Red =Cloning site Green =Tags(s) |

MASEIKKKLFWRAWVAEFLAMTLFVFISIGSALGFNYPLERNQTLVQDQNVKVSALFGLSIATLAQSVGHI
SGAHLNPAVTLGLLLSCQISILRAVMYIIAQCVGAIVATAILSGITSSLVDNSLGRNDLAHGVNSGQGLG
IEIIGTLQLVLCVLATTDRLRRRDLGGSAPLAIGLSVALGHLLAIDYTGCCINPARSFGSAVLTRNFSNH
IFWVGPFIGGALAVLIYDFILAPRSSDFTDRMKVWTSQVVEEYDLADADDINSRVEMKPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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| Tag: | C-MYC/DDK |
| Predicted MW: | 29.2 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_031498 |
| Locus ID: | 11826 |
| UniProt ID: | Q02013 |
| RefSeq Size: | 2760 |



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|----------------------|--|
| Cytogenetics: | 6 27.38 cM |
| RefSeq ORF: | 807 |
| Synonyms: | CHIP28 |
| Summary: | Forms a water-specific channel that provides the plasma membranes of red cells and kidney proximal tubules with high permeability to water, thereby permitting water to move in the direction of an osmotic gradient.[UniProtKB/Swiss-Prot Function] |