

# PE-01AAM90-P

## AQP2 (250-271) T269S Peptide Powder

22-mer peptide based on AQP2



# KINEXUS

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### Target Protein

|                        |   |
|------------------------|---|
| <b>Name Long:</b>      | Aquaporin-2   |
| <b>Name Alias:</b>     | ADH water channel; AQP-CD; Aquaporin 2; Aquaporin 2 (collecting duct); Aquaporin-CD; Collecting duct water channel protein; Water channel protein for renal collecting duct; WCH-CD |
| <b>Species Origin:</b> | Pig   |
| <b>UniProt ID:</b>     | P28837  |

### Peptide Structure

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Peptide Name:</b>                | AQP2 (250-271) T269S                 |
| <b>Peptide Origin:</b>              | Internal sequence in target protein. |
| <b>Peptide Sequence Location:</b>   | E250-A271                            |
| <b>Peptide Sequence:</b>            | EVRRRQSVLHSPQSLPRGSKA                |
| <b>Peptide N-Terminus:</b>          | Free amino                           |
| <b>Peptide C-Terminus:</b>          | Acid                                 |
| <b>Peptide Modifications Other:</b> | None                                 |

### Production

|                                   |   |
|-----------------------------------|---|
| <b>Peptide Production Method:</b> | Solid-phase peptide synthesis   |
| <b>Calculated Peptide Mass:</b>   | 2517.7  |
| <b>% Peptide Purity:</b>          | > 90  |
| <b>Peptide Appearance:</b>        | White powder  |
| <b>Peptide Form:</b>              | Solid   |
| <b>Peptide Solubility:</b>        | Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer |
| <b>Lot Number:</b>                | #62007/ KSP01CBM  |
| <b>Amount:</b>                    | 1 mg  |
| <b>Storage Conditions:</b>        | Frozen at -20°C   |
| <b>Storage Stability:</b>         | Over 1 year at -20°C  |

This product is for in vitro research use only and is not intended for use in humans or animals.

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