

# PE-01AFD95-P

## AQP2 (250-271) 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>	Human
<b>UniProt ID:</b>	P41181

### Peptide Structure

<b>Peptide Name:</b>	AQP2 (250-271)
<b>Peptide Origin:</b>	Internal sequence in target protein.
<b>Peptide Sequence Location:</b>	E250-A271
<b>Peptide Sequence:</b>	EVRRRQAVELHAPQALPRGAKA
<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>	2454.8
<b>% Peptide Purity:</b>	> 95
<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>	KSP01CBN
<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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