

Aquaporin-2 (254-267), pSER261, human

Cat. No.:	HY-P5513
CAS No.:	1643595-65-6
Molecular Formula:	C ₆₉ H ₁₁₇ N ₂₄ O ₂₅ P
Molecular Weight:	1713.79
Sequence:	Arg-Gln-Ser-Val-Glu-Leu-His-pSer-Pro-Gln-Ser-Leu-Pro-Arg
Sequence Shortening:	RQSVELH-{pSer}-PQSLPR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Aquaporin-2 (254-267), pSER261, human is a biological active peptide. (This peptide is a fragment of the human aquaporin-2 (AQP2) phosphorylated at Ser261. Protein phosphorylation plays a key role in vasopressin signaling in renal-collecting duct. Phosphorylation at several AQP2 residues including Ser256 and Ser261, is altered in response to vasopressin. It is possible that both sites are involved in vasopressin-dependent AQP2 trafficking.)

Caution: Product has not been fully validated for medical applications. For research use only.

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