

Recombinant Full Length Human Vasopressin V2 Receptor(Avpr2) Protein, Tag-Free

Cat. No. RFL1432HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Vasopressin V2 receptor(AVPR2) Protein (P30518) (1-371aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-371)
Form	Lyophilized powder
AA Sequence	MLMASTTSAPVPGHPSLPSLPSNSSQERPLDTRDPLLARAELALLSIVFVAVALSNGLV LAALARRGRRGHWAPIHVFIGHLCLADLAVALFQVLPQLAWKATDRFRGPDALCRA VKYLQMVGMYASSYMILAMTLDRHRAICRPMLAYRHGSGAHWNRPVLVAWAFSLLL SLPQLFIFAQRNVEGGSGVTDCWACFAEPWGRRTYVTWIALMVFVAPTGLIAACQV LIFREIHASLVPGPSEPPGRRRRGRRTGSPGEGAHVSAAVAKTVRMTLVIVVVYVLC WAPFFLVQLWAAWDPEAPLEGAPFVLLMLLASLNSCTNPWIYASFSSSVSSELRSL CCARGRTPPSLGPQDESCCTASSSLAKDTSS Note: The complete sequence includi ng tag sequence, target protein sequence and linker sequence could be provided upo n request.
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	AVPR2
Synonyms	ADHR; Antidiuretic hormone receptor; Arginine vasopressin receptor 2; AVP R2; AVPR 2; AVPR V2; AVPR2; DI1; DIR 3; DIR; DIR3; MGC126533; MGC138386; NDI; Nephrogenic diabetes insipidus; Renal type arginine vasopressin receptor; Renal-type arginine vasopress
UniProt ID	P30518