

Recombinant Full Length Mouse Vasopressin V1A Receptor(Avpr1A) Protein, His-Tagged

Cat. No. RFL31549MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Vasopressin V1a receptor(Avpr1a) Protein (Q62463) (1-423aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length (1-423)
Form	Lyophilized powder
AA Sequence	MSFPRGSHDLPAGNSSPWWPLTTEGANSSREAAGLGEGGSPPGDVRNEELAKLE VTVLAV IFVVAVLGNSSVLLALHRTPRKTSRMHLFIRHLSLADLAVAFFQVLPQLCWD ITYRFRGP DWLCRVVKHLQVFAMFASSYMLVMTADRYIAVCHPLKTLQQPARRSR LMIAASWGLSFV LSIPQYFIFSVIEFEVNNGTKAQDCWATFIPPWGTRAYVTWMTSG V FVVPVILGTCYGF ICYHIWRNVVRGKTASRQSKGGKGSGEAAGPFHKGLLVTPCVS SVKSISRAKIRTVKMTFV IVSAYILCWTPFFIVQMWSVWDTNFVWTDSENPSTTITAL LASLNCCNPWIYMFSGHL LQDCVQSFPCCQSIQKFAKDDSDSMSRRQTSYSN NRSPTNSTGTWKDSPKSSKSIRFIP VST
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	Avpr1a
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Synonyms	Avpr1a; Vasopressin V1a receptor; V1aR; AVPR V1a; Antidiuretic hormone receptor 1a; Vascular/hepatic-type arginine vasopressin receptor
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UniProt ID	Q62463
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