

# Recombinant Full Length *Microtus Montanus* Vasopressin V1A Receptor(Avpr1A) Protein, His-Tagged

Cat. No. RFL24340MF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length *Microtus montanus* Vasopressin V1a receptor(Avpr1a) Protein (Q9WTV8) (1-420aa), fused to N-terminal His tag, was expressed in *E. coli*.

### Species

*Microtus montanus* (Montane vole)

### Source

*E. coli*

### ProteinLength

Full Length (1-420)

### Form

Lyophilized powder

### AA Sequence

MSFPRGSYDPAASNSSPRWPLSAEDANSSREAAGHQKGS DPSGDVRNEELAKLEI  
AVLAV IFVAVLGNSSVLLALHRTPRKTSRMHLFIRHLSLADLAVAFFQVLPQLCWDI  
TYRFRGP DWLCRVVKHLQVFAMFASAYMLVVM TADRYIAVCHPLKTLQQPARRSR  
LMIAASWVLSFL LSTPQYFIFSMIEIEVNNGTKTQDCWATFIQPWGTRAYVTWMTSG  
VFVVPVILGTCYGF ICYHIWRNVRGKTASRQSKGSGEDVAPFHKGLLVTPCVSSV  
KTISRAKIRTVKMTFVIVT AYILCWAPFFIVQMWSVWDDNFIWTDSENPSITITALLAS  
LNCCNPWIYMFSSGHLQD CVQSFPCQRMVQKFTKDDSDNMSRRQTSYSNNR  
SPTNSTGTWKDSPKSSRSIRFIPVST

### 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.

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

<b>Gene Name</b>	Avpr1a
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<b>Synonyms</b>	Avpr1a; Vasopressin V1a receptor; V1aR; AVPR V1a; Antidiuretic hormone receptor 1a; Vascular/hepatic-type arginine vasopressin receptor
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<b>UniProt ID</b>	<a href="#">Q9WTV8</a>
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