

Recombinant Mouse Avp Protein, MYC/DDK-tagged

Cat. No. Avp-683M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse arginine vasopressin (Avp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the vasopressin/oxytocin family and preproprotein that is proteolytically processed to generate multiple protein products. These products include the neuropeptide hormone arginine vasopressin, and two other peptides, neurophysin 2 and copeptin. Arginine vasopressin binds to vasopressin receptors and functions as a vasopressor, to constrict blood vessels and increase blood pressure, and as an antidiuretic, to reduce the production of urine. Neurophysin 2 functions as a carrier protein in the transport of arginine vasopressin. This gene is present in a gene cluster with the related gene oxytocin on chromosome 2.
Molecular Mass	17.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 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

Concentration	>50 µg/mL as determined by microplate BCA method
----------------------	--

Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
-----------------------	---

GENE INFORMATION

Gene Name	Avp arginine vasopressin [Mus musculus (house mouse)]
------------------	---

Official Symbol	Avp
------------------------	-----

Synonyms	Avp; arginine vasopressin; Vp; Vsp; vasopressin-neurophysin 2-copeptin; AVP-NP II; pre-pro-arginine-vasopressin-neurophysin II; prepro-AVP-NP II
-----------------	--

Gene ID	11998
----------------	-------

mRNA Refseq	NM_009732
--------------------	-----------

Protein Refseq	NP_033862
-----------------------	-----------

UniProt ID	P35455
-------------------	--------

 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