

Recombinant Human AVP protein, GST-tagged

Cat. No. AVP-301297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AVP (98-136 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys98-Asp136
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	CAAFGVCCNDESCVTEPECREGFHRRARASDRSNATQLD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

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Gene Name	AVP arginine vasopressin [Homo sapiens]
Official Symbol	AVP
Synonyms	AVP; arginine vasopressin; ARVP; vasopressin-neurophysin 2-copeptin; ADH; antidiuretic hormone; diabetes insipidus; neurohypophyseal; neurophysin II; vasopressin-neurophysin II-copeptin; VP; AVRP; AVP-NP11;
Gene ID	551
mRNA Refseq	NM_000490
Protein Refseq	NP_000481
MIM	192340
UniProt ID	P01185

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