

Recombinant Rat AVPR1A Protein (7-52 aa), GST-tagged

Cat. No. AVPR1A-1285R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat AVPR1A Protein (7-52 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Protein Description: Partial.
Species	Rat
Source	E.coli
ProteinLength	7-52 aa
Description	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger syst. Involved in social mory formation.
Form	Tris-based buffer,50% glycerol
Molecular Mass	31.9 kDa
AA Sequence	SQDRSVGNSSPWPLTTEGSNGSQEAARLGEGDSPLGDVRNEELAK
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

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Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [Avpr1a arginine vasopressin receptor 1A \[Rattus norvegicus \]](#)

Official Symbol [AVPR1A](#)

Synonyms AVPR1A; V1a; AVPR; V1aR; MGC108538;

Gene ID [25107](#)

mRNA Refseq [NM_053019](#)

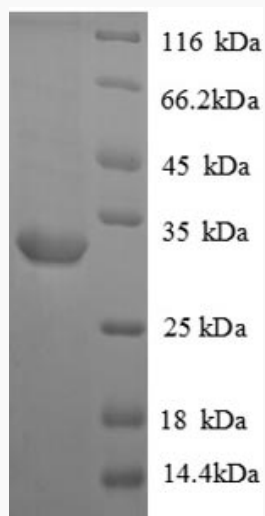
Protein Refseq [NP_444178](#)

UniProt ID [P30560](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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