

Recombinant Rat AVPR1B Protein (343-425 aa), His-tagged

Cat. No. AVPR1B-1286R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat AVPR1B Protein (343-425 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Rat
Source	E.coli
ProteinLength	343-425 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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	13.0 kDa
AA Sequence	NSRLLPRSLSHHACCTGSKPQVHRQLSTSSLTSSRRTLLTHACGSPTLRLSLNLSLR AKPRPAGSLKDLEQVDGEATMETSIF
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

[Avpr1b arginine vasopressin receptor 1B \[Rattus norvegicus \]](#)

Official Symbol

[AVPR1B](#)

Synonyms

AVPR1B; V1bR; AVPR V3; AVPR V1b;

Gene ID

[29462](#)

mRNA Refseq

[NM_017205](#)

Protein Refseq

[NP_058901](#)

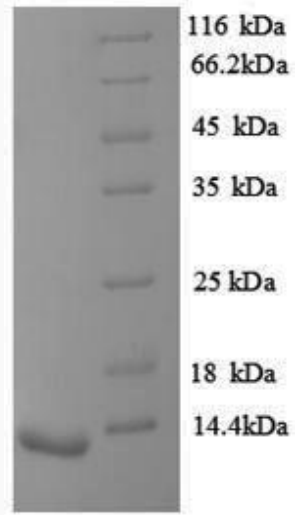
UniProt ID

[P48974](#)

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

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