



Recombinant Rat AVPR1B Protein Product Manual

1. Product Basic Information

Product No.: REP06231

Protein Name: Avpr V1B (AVPR1B)

Aliases: V1bR; VPR3; AVPR3; AVPR V3; AVPR V1b; V1B receptor; vasopressin V3 receptor; vasopressin V1b receptor; arginine vasopressin receptor 1B; pituitary vasopressin receptor 3

UniProt ID: P47901

UniProt Link: <https://www.uniprot.org/uniprotkb/P47901/entry>

Species Source: Rattus norvegicus (Rat)

Expression System: E.coli

Protein Length: Partial (343-425aa)

Molecular Weight: 13.0kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (343-425aa)

NSRLLPRSLSHHACCTGSKPQVHRQLSTSSLTSRRTLLTHACGSPTLRSLNLSLR
AKPRPAGSLKDLEQVDGEATMETSIF

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Rat AVPR1B partial protein (343-425aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. AVPR1B, also known as V1bR or VPR3 or AVPR3, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.