



Recombinant Mouse ADGRG1 Protein Product Manual

1. Product Basic Information

Product No.: REP06059

Protein Name: G Protein-Coupled Receptor 56 (ADGRG1)

Aliases: BFPP; BPPR; GPR56; TM7LN4; TM7XN1; CDCBM14B; CDCBM15A; G protein-coupled receptor 56; testicular tissue protein Li 77; adhesion G protein-coupled receptor G1; adhesion G-protein coupled receptor G1

UniProt ID: Q9Y653

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9Y653/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Partial (26-382aa)

Molecular Weight: 47.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (26-382aa)

GSPREDFRFCGQRNQTQQSTLHYDQSSEPHIFVWNTTEETLTIRAPFLAAPDIPRFFP
EPRGLYHFCLYWSRHTGRLHLRYGKHDYLLSSQASRLLCFQKQEQLKQGAPLIAT
SVSSWQIPQNTSLPGAPSFIFSFHNAPHKVSHNASVDMCDLKKELQQLSRYLQHPQ
KAAKRPTAAAFISQQLQSLESKLTSVSFLGDTLSFEEDRVNATVWKLPPPTAGLEDLHI
HSQKEEEQSEVQAYSLLLPRAVFQQTRGRRRDDAKRLLVVDFFSSQALFQDKNSSQ
VLGEKVLGIVVQNTKVTNLSDPVVLTFFQHQPQPKNVTLQCVFWVEDPASSSTGSW
SSAGCETVSRDTQTSCLCNHL

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 Mouse ADGRG1 partial protein (26-382aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. ADGRG1, also known as BFPP or BPPR or GPR56, 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.