



Recombinant Human BMI1 Protein Product Manual

1. Product Basic Information

Product No.: REP06265

Protein Name: Flvi-2/Bmi-Ring Finger Protein 51 (BMI1)

Aliases: PCGF4; RNF51; FLVI2/BMI1; flvi-2/bmi-ring finger protein 51; polycomb group protein Bmi1; BMI1 proto-oncogene, polycomb ring finger; B lymphoma Mo-MLV insertion region 1 homolog; murine leukemia viral...

UniProt ID: P35226

UniProt Link: <https://www.uniprot.org/uniprotkb/P35226/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (1-250aa)

Molecular Weight: 56.4kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-250aa)

MHRTTRIKITELNPHLMCVLCGGYFIDATTIIECLHSFCKTCIVRYLET SKYCPICDVQ
VHKTRPLLNI RSDKTLQDIVYKLV PGLFKNEMKRRRDFYAAHPSADAANGSNEDRG
EVADEDKRIITDDEIISLSIEFFDQNR LDRKVNKDKEKSKEEVNDKRYLRCPAAMTVM
HLRKFLRSKMDIPNTFQIDVMYEEELKDYYTLM DIAYIYTWR RNGLPLKYRVRPT
CKRMKISHQRDGLTNAGELE

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 Human BMI1 partial protein (1-250aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. BMI1, also known as PCGF4 or RNF51 or FLVI2/BMI1, 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.