



Recombinant Mouse BZW1 Protein Product Manual

1. Product Basic Information

Product No.: REP06289

Protein Name: BZW1

Aliases: 5MP2; BZAP45; Nbla10236

UniProt ID: Q7L1Q6

UniProt Link: <https://www.uniprot.org/uniprotkb/Q7L1Q6/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-419aa)

Molecular Weight: 55.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-419aa)

MNNQKQQKPTLSGQRFKTRKRDEKERFDPTQFQDCIIQGLTETGTDLEAVAKFLDA
SGAKLDYRRYAETLFDILVAGGMLAPGGTLADDMMRTDVCVFAAQEDLETMQAFA
QVFNKLIRRYKYLEKGFEDVKKLLLFLKGFSESERNKLA MLTG VLLANGTLNASILN
SLYNENLVKEGVSAFAVKLFKSWINEKDINAVAASLRKVSMDNRLMELFPANKQS
VEHFTKYFTEAGLKELSEYVRNQQTIGARKELQKELQEQMSRGDPFKDIILYVKEEM
KKNNIPEPVVIGIVWSSVMSTVEWNKKEELVAEQAIKHLKQYSPLLAFTTQGGQSEL
TLLKIQEYCYDNIHFMKAFQKIVVLFYKAEVLSEEPILKWKDAHVAKGKSVFLEQM
KKFVEWLKNAEEEESESEAEED

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 BZW1 full length protein (1-419aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. BZW1, also known as 5MP2 or BZAP45 or Nbla10236, 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.