



# Recombinant Mouse DMD Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06685

**Protein Name:** Mutant Dystrophin (DMD)

**Aliases:** BMD; CMD3B; MRX85; DXS142; DXS164; DXS206; DXS230; DXS239; DXS268; DXS269; DXS270; DXS272; dystrophin; mutant dystrophin

**UniProt ID:** P11532

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P11532/entry>

**Species Source:** Mus musculus (Mouse)

**Expression System:** E.coli

**Protein Length:** Partial (1-240aa)

**Molecular Weight:** 34.5 kDa

**Protein Tag:** C-terminal 6xHis-tagged

## 2. Amino Acid Sequence (1-240aa)

MLWWEVEEDCYEREDVQKKTFTKWINAQFSKFGKQHIDNLFSDLQDGKRLLDLLE  
GLTGQKLPKEKGSTRVHALNNVNKALRVLQKNNVDLVNIGSTDIVDGNHKLTLGLIW  
NIIHWWQVKNVMKTIMAGLQQTNSEKILLSWVRQSTRNYPQVNVINFTSSWSDGLAL  
NALIHSRDLFDWNSVVSQHSATQRLEHAFNIAKCQLGIEKLLDPEDVATTYPDKK  
SILMYITSLFQVLP

## 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

## 5. Product Description

This product is a recombinant Mouse DMD partial protein (1-240aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. DMD, also known as BMD or CMD3B or MRX85, 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.