



# Recombinant Mouse CD101 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP06361

**Protein Name:** Cd101 Molecule (CD101)

**Aliases:** V7; IGSF2; EWI-101; CD101 molecule; leukocyte surface protein; cell surface glycoprotein V7

**UniProt ID:** Q93033

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q93033/entry>

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

**Expression System:** E.coli

**Protein Length:** Partial (22-266aa)

**Molecular Weight:** 31.2 kDa

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

## 2. Amino Acid Sequence (22-266aa)

REVKIQEGPLYRAEGYPVSIRCTVSGHQGPSTQDFRWSIYLPAPTKEVQIISTKDA  
GFSYAVYAQRVQSKEIYIERLQGDSVLLHISKLMKMDAGEYECHTPNTDGKYFGSY  
SAKTNLTVVPDTLSATMPSQTLKKEGEPELTCETTKATVQHTHLSLTWYLMQEG  
GGSQATEIVSLSKDFVLTGSSYADRFVAGDVRLDKLGATSFRLSVGKLQPSDQQGQ  
VFCEATEWIQDPDETWTLLIT

## 3. Storage Buffer

**Liquid Delivery Form:** Tris-based buffer with 50% glycerol.

**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 CD101 partial protein (22-266aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CD101, also known as V7 or IGSF2 or EWI-101, 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.