

# Recombinant Human PRAME Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP07881

**Protein Name:** Oip-Cancer/Testis Antigen 130 (PRAME)

**Aliases:** MAPE; OIP4; CT130; OIP-cancer/testis antigen 130; preferentially expressed antigen in melanoma; preferentially expressed antigen of melanoma; PRAME nuclear receptor transcriptional regulator

**UniProt ID:** P78395

**UniProt Link:** <https://www.uniprot.org/uniprotkb/P78395/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-509aa)

**Molecular Weight:** 61.9kDa

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

## 2. Amino Acid Sequence (1-509aa)

MERRRLWGSIQSRYISMSVWTSPRRLVELAGQSLLKDEALIAAALELLPRELFPPLF  
MAAFDGRHSQTLKAMVQAWPFTCLPLGVLMKKGQHLHLETFKAVLDGLDVLLAQEV  
RPRRWKLQVLDLRKNSHQDFWTWVSGNRASLYSFPEPEAAQPMTKKRKVDGLST  
EAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKNVLRCLCKKLIKIFAMPMDIK  
MILKMQVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRLLLLSHIHASSYISPEKEEQ  
YIAQFTSQFLSLQCLQALYVDSLFFLRGRDLQLLRHVMNPLETSLITNCRLLSEGDM  
HLSQSPSVSLSVLSLSGVMLTDVSPEPLQALLERASATLQDLVFDECGITDDQLLA  
LLPSLSHCSQLTTLSFYGNSISISALQSLLQHLIGLSNLTHVLYPVPLESYEDIHGTLHL  
ERLAYLHARLRELLCELGRPSMVWLSANPCPHCGDRTFYDPEPILCPCFMPN

## 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



## 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 PRAME full length protein (1-509aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. PRAME, also known as MAPE or OIP4 or CT130, 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.