# Recombinant Human PRAME Protein (1-509 aa), His-tagged

**Cat. No.** PRAME-1492H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human PRAME Protein (1-509 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Apoptosis. Protein Description: Full Length. |
| **Species** | Human |
| **Source** | Yeast |
| **ProteinLength** | 1-509 aa |
| **Description** | Functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG. Prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis. |
| **Form** | Tris-based buffer,50% glycerol |
| **Molecular Mass** | 59.9 kDa |
| **AA Sequence** | MERRRLWGSIQSRYISMSVWTSPRRLVELAGQSLLKDEALAIAALELLPRELFPPLF MAAFDGRHSQTLKAMVQAWPFTCLPLGVLMKGQHLHLETFKAVLDGLDVLLAQEV RPRRWKLQVLDLRKNSHQDFWTVWSGNRASLYSFPEPEAAQPMTKKRKVDGLST EAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRLCCKKLKIFAMPMQDIKM ILKMVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRRLLLSHIHASSYISPEKEEQYI AQFTSQFLSLQCLQALYVDSLFFLRGRLDQLLRHVMNPLETLSITNCRLSEGDVMHL SQSPSVSQLSVLSLSGVMLTDVSPEPLQALLERASATLQDLVFDECGITDDQLLALLP |

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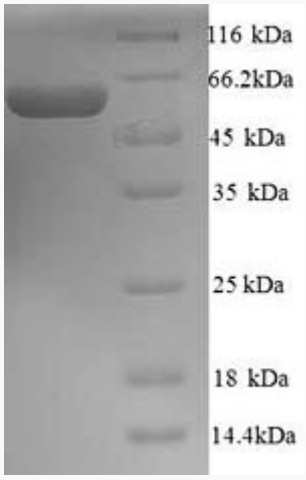
| | |
|---|---|
| | SLSHCSQLTTLSFYGNSISISALQSLLQHLIGLSNLTHVLYPVPLESYEDIHGTLHLERL AYLHARLRELLCELGRPSMVWLSANPCPHCGDRTFYDPEPILCPCFMPN |
| **Purity** | > 90% as determined by SDS-PAGE. |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| **Storage** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| **Concentration** | A hardcopy of COA with reconstitution instruction is sent along with the products. |

## GENE INFORMATION

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| **Gene Name** | PRAME preferentially expressed antigen in melanoma [ Homo sapiens ] |
| **Official Symbol** | PRAME |
| **Synonyms** | PRAME; MAPE; CT130; OIP-4; OIP4; |
| **Gene ID** | 23532 |
| **mRNA Refseq** | NM_006115 |
| **Protein Refseq** | NP_006106 |
| **MIM** | 606021 |

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| **UniProt ID** | P78395 |




(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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