

Recombinant Human PRAME Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRAME-1474H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRAME MS Standard C13 and N15-labeled recombinant protein (NP_996838) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants.
Molecular Mass	57.9 kDa
AA Sequence	MERRRLRGSIQSRYISMSVWTSPPRLVELAGQSLLKDEALAIAALELLPRELFPPLFM AAFDGRHSQTLKAMVQAWPFTCLPLGVLMKGQHLHLETFAVLDGLDVLLAQEVRP RRWKLQVLDLRKNHQDFWTVWSGNRASLYSFPEPEAAQPMTKKRKVDGLSTEAE QPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRLLCCKKLKIFAMPMQDIKMILK MVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRLLLLSHIHASSYISPEKEEQYIAQ FTSQFLSLQCLQALYVDSLFFLRGRLDQLLRHVMNPLETLSITNCRLSEGDVMHLSQ SPSVSQLSVLSLSGVMLTDVSPEPLQALLERASATLQDLVFDECGITDDQLLALLPSL SHCSQLTTLSFYGNSISISALQSLLQHLIGLSNLTHVLYVPVPLESYEDIHGTLHLERLAY

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	LHARLRELLCELGRPSMVWLSANPCPHCGDRTFYDPEPILCPCFMPNTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PRAME preferentially expressed antigen in melanoma [Homo sapiens (human)]
Official Symbol	PRAME
Synonyms	PRAME; preferentially expressed antigen in melanoma; MAPE; melanoma antigen preferentially expressed in tumors; cancer/testis antigen 130; CT130; OIP-4; opa-interacting protein 4; Opa-interacting protein OIP4; preferentially expressed antigen of melanoma; OIP4;
Gene ID	23532
mRNA Refseq	NM_206955
Protein Refseq	NP_996838

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MIM 606021**UniProt ID** P78395**SDS-PAGE** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA