

Recombinant Full Length Human PRAME Protein, C-Flag-tagged

Cat. No. PRAME-252HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PRAME Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	57.7 kDa
AA Sequence	MERRRLRGSIQSRYISMSVWTSPRRLVELAGQSLLKDEALAIAALELLPRELFPPLFM AAFDGRHSQTLK AMVQAWPFTCLPLGVLMKGQHLHLETFKAVLDGLDVLLAQEVR PRRWKLQVLDLRKNSHQDFWTWVSGNR ASLYSFPEPEAAQPMTKKRKVDGLSTE AEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRGCC KKLKIFAMPMQDIKMI LKMVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRRLLSHIHASSYISPEK EEQYI AQFTSQFLSLQCLQALYVDSLFFLRGRDQLLRHVMNPLETLSITNCRLSEGDMHL SQSPSVSQ LSVLSLSGVMLTDVSPEPLQALLERASATLQDLVFDECGITDDQLLALL

 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

PSLSHCSQLTTLSFYGNSISI SALQSLQLHLIGLSNLTHVLPVPLESYEDIHGTLHLE
RLAYLHARLRELLCELGRPSMVWLSANPCPHC
GDRTFYDPEPILCPCFMPNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	PRAME PRAME nuclear receptor transcriptional regulator [Homo sapiens (human)]
Official Symbol	PRAME
Synonyms	MAPE; OIP4; CT130; OIP-4
Gene ID	23532
mRNA Refseq	NM_206955.3
Protein Refseq	NP_996838.1

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MIM 606021

UniProt ID P78395



Coomassie blue staining of purified PRAME protein.

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