Recombinant Human PRAME Protein, Tag Free, Biotinylated

Cat. No. PRAME-01HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant Human PRAME Protein without tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	100-509 aa
Conjugation/Label	Biotin
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	47 kDa
AA Sequence	VLDGLDVLLAQEVRPRRWKLQVLDLRKNSHQDFWTVWSGNRASLYSFPEPEAAQP MTKKRKVDGLSTEAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRLCCKK LKIFAMPMQDIKMILKMVQLDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRRLLLSHIH ASSYISPEKEEQYIAQFTSQFLSLQCLQALYVDSLFFLRGRLDQLLRHVMNPLETLSIT NCRLSEGDVMHLSQSPSVSQLSVLSLSGVMLTDVSPEPLQALLERASATLQDLVFD ECGITDDQLLALLPSLSHCSQLTTLSFYGNSISISALQSLLQHLIGLSNLTHVLYPVPLE

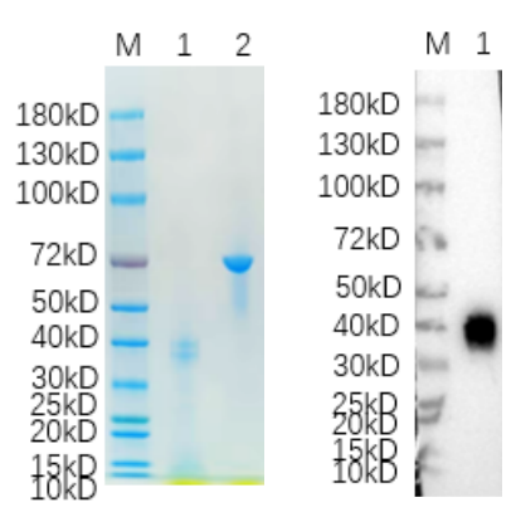
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	SYEDIHGTLHLERLAYLHARLRELLCELGRPSMVWLSANPCPHCGDRTFYDPEPILC PCFMPN
Endotoxin	<1 EU/μg by LAL
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH7.4, 5% Glycerol, 0.1% SKL
Concentration	0.19 mg/mL by BCA
Conjugation	Biotin

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_006115

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Protein Refseq	NP_006106
MIM	606021
UniProt ID	P78395
SDS-PAGE and WB	 Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Rabbit anti-Homo sapiens (Human) PRAME Polyclonal antibody) analysis profiles of purified PRAME. 1. PRAME: 1 μg 2. BSA: 1 μg

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