

Product datasheet for **TP307874**

PRAME (NM_206955) Human Recombinant Protein

Product data:

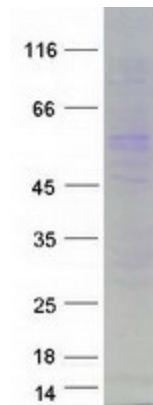
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens preferentially expressed antigen in melanoma (PRAME), transcript variant 4, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207874 protein sequence Red =Cloning site Green =Tags(s)
	<p>MERRRLRGSIQSRYISMSVWTSPPRRLVELAGQSLLKDEALAIAALELLPRELFPPLFMAAFDGRHSQTLK AMVQAWPFTCLPLGVLMKGQHLHLETFKAVLDGLDVLLAQEVRPRRWKLQVLDLRKNSHQDFWTWWSGNR ASLYSFPEPEAAQPMTKKRKVDGLSTEAEQPFIPVEVLVDLFLKEGACDELFSYLIEKVKRKKNVLRCC KKLKIFAMPMQDIKMILKMOVQDSIEDLEVTCTWKLPTLAKFSPYLGQMINLRLLLSHIHASSYISPEK EEQYIAQFTSQFLSLQCLQALYVDSLFFLRGRDQLLRHVMNPLETSLITNCRLSEGDMHLSQSPSVSQ LSVLSLSGVMMLTDVSPEPLQALLERASATLQDLVFDECGITDDQLLALLPSLSHCSQLTTLFSFYGNSISI SALQSLQLHLIGLSNLTHVLYPVPLESYEDIHGTLLHLERLAYLHARLRELLCELGRPSMVWLSANPCPHC GDRTFYDPEPILCPCFMPN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	57.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_996838
Locus ID:	23532
UniProt ID:	P78395 , A0A024R1E6 , B7Z986
RefSeq Size:	2435
Cytogenetics:	22q11.22
RefSeq ORF:	1527
Synonyms:	CT130; MAPE; OIP-4; OIP4
Summary:	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. [provided by RefSeq, Apr 2014]

Product images:



Coomassie blue staining of purified PRAME protein (Cat# TP307874). The protein was produced from HEK293T cells transfected with PRAME cDNA clone (Cat# [RC207874]) using MegaTran 2.0 (Cat# [TT210002]).