

Product datasheet for **AR60005PU-N**

PRAME / MAPE Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PRAME / MAPE human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MNPLETLSIT NCRLSEGDVM HLSQSPSVSQ LSVLSLSGVM LTDVSPEPLQ ALLERASATL QDLVFDECGI TDDQLLALLP SLSHCSQLTT LSFYGNISIS
Predicted MW:	10.7 kDa
Purity:	>98% by SDS-PAGE and Silver staining
Buffer:	Presentation State: Purified State: Lyophilized protein Buffer System: 10 mM Tris, 25 mM NaP, pH 7.4 Stabilizer: None
Reconstitution Method:	Restore in water to a concentration of 0.1 mg/ml.
Preparation:	Lyophilized protein
Applications:	Positive control for Western blot analysis. Standard for ELISA.
Protein Description:	Recombinant human PRAME fragment corresponding to amino acid sequence Met321 to Ile420.
Note:	mRNA RefSeq: NM_006115.3
Storage:	Prior to reconstitution store desiccated at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001278644
Locus ID:	23532
UniProt ID:	P78395 , A0A024R1E6



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Cytogenetics: 22q11.22

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:

