Preferentially Expressed Antigen In Melanoma (PRAME) Recombinant Protein | PRAME recombinant protein

Recombinant Preferentially Expressed Antigen In Melanoma (PRAME)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134483	**E.coli**	**Homo sapiens (Human)**	**Western Blot, SDS-Page**

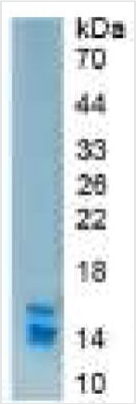
PRODUCT SYNONYMS

Preferentially Expressed Antigen In Melanoma (PRAME); Recombinant Preferentially Expressed Antigen In Melanoma (PRAME); PRAME recombinant protein

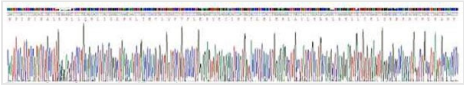
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	NSISISALQS LLQHLIGLSN LTHVLYPVPL ESYEDIHGTL HLERLAYLHA RLRELLCELG RPSMVWLSAN PCPHCGDRTF YDPEPIL
Applicable Applications for PRAME recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Asn416~Leu502
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	6.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174641
NCBI GeneID	23532
NCBI Accession #	NP_006106.1
NCBI GenBank Nucleotide #	NM_006115.3
UniProt Accession #	P78395; O43481; Q8IXN8; B2R6Y7
Molecular Weight	Predicted Molecular Mass: 11.1kDa Accurate Molecular Mass: 14&16kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	melanoma antigen preferentially expressed in tumors
NCBI Official Synonym Full Names	preferentially expressed antigen in melanoma
NCBI Official Symbol	PRAME
NCBI Official Synonym Symbols	MAPE; OIP4; CT130; OIP-4
NCBI Protein Information	melanoma antigen preferentially expressed in tumors; cancer/testis antigen 130; opa-interacting protein 4; Opa-interacting protein OIP4; preferentially expressed antigen of melanoma
UniProt Protein Name	Melanoma antigen preferentially expressed in tumors
UniProt Gene Name	**PRAME**
UniProt Synonym Gene Names	MAPE; OIP4; OIP-4
UniProt Entry Name	PRAME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/prame-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134483