

Datasheet for ABIN7597396

PRAME Protein (AA 1-509) (DYKDDDDK Tag)



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Overview

Quantity:	10 µg
Target:	PRAME
Protein Characteristics:	AA 1-509
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRAME protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	Recombinant human PRAME Protein with C-terminal 3xFlag tag
Sequence:	PRAME(Met1-Asn509) 3xFlag tag
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PRAME
Alternative Name:	PRAME (PRAME Products)
Background:	MAPE, OIP4, CT130, OIP-4 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

Target Details

	advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Molecular Weight:	predicted molecular mass of 60.8 kDa after removal of the signal peptide.
UniProt:	P78395
Pathways:	Retinoic Acid Receptor Signaling Pathway , Nuclear Hormone Receptor Binding

Application Details

Application Notes:	Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none">• Immunogens for antibody drug development• Reagents used for CAR-T positive cell monitoring• Reagents for antibody screening and functional testing• Reagents for antibody affinity measurement
Comment:	The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months