HUMAN PRAME PROTEIN, HFC TAG

Cat.#: 11710

Product Name: Human PRAME Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CT130;MAPE;OIP-4;OIP4

Target: PRAME

UNIPROT ID: P78395

Description: Recombinant human PRAME protein with C-terminal human Fc tag

Background: 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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 81.51 kDa after removal of the signal peptide.

Molecular Characterization: PRAME (Met1-Asn509) hFc (Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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.