

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.