HUMAN B7-H7 PROTEIN, HFC TAG

Cat.#: 11556

Product Name: Human B7-H7 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: HHLA2

Target: B7-H7

UNIPROT ID: Q9UM44

Description: Recombinant human B7-H7 protein with C-terminal human Fc tag

Background: This gene encodes a protein ligand found on the surface of monocytes. The encoded protein is thought to regulate cell-mediated immunity by binding to a receptor on T lymphocytes and inhibiting the proliferation of these cells. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 63.1 kDa after removal of the signal peptide. The apparent molecular mass of B7-H7-hFc is approximately 100-130 kDa due to glycosylation.

Molecular Characterization: B7-H7(Ile23-Asn344) 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.

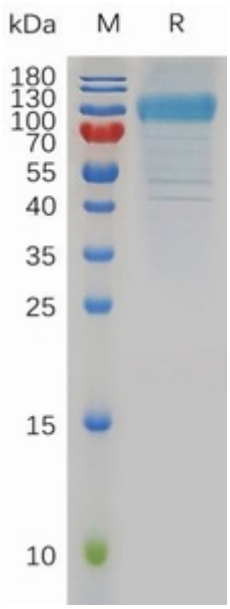

Figure 1. Human B7-H7 Protein, hFc Tag on SDS-PAGE under reducing condition.