

PRODUCT INFORMATION

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|---|---|
| Target | B7-H7 |
| Synonyms | B7y; B7H7; B7-H5; HHLA2 |
| Description | Recombinant human B7-H7(223-344) Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9UM44 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | B7-H7(Gly223-Asn344) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 40.2 kDa after removal of the signal peptide. The apparent molecular mass of B7-H7(223-344)-hFc is approximately 55-70 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| 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. |
| 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |



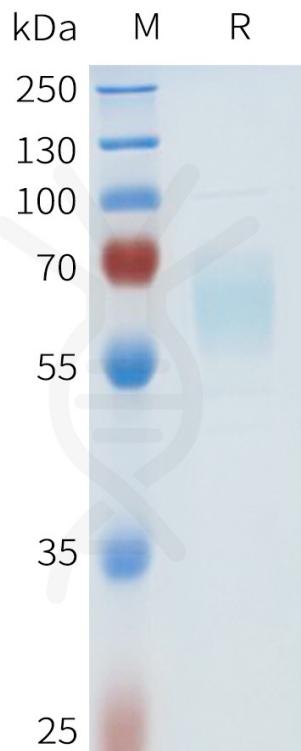


Figure 1. Human B7-H7(223-344) Protein, hFc Tag on SDS-PAGE under reducing condition.

