PRODUCT INFORMATION

Target	B7-H7
Synonyms	B7y; B7H7; B7-H5; HHLA2
Description	Recombinant human B7-H7(132-234) 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(Asn132-Met234) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 37.9 kDa after removal of the signal peptide. The apparent molecular mass of B7-H7(132-234)-hFc is approximately 35-55 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
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

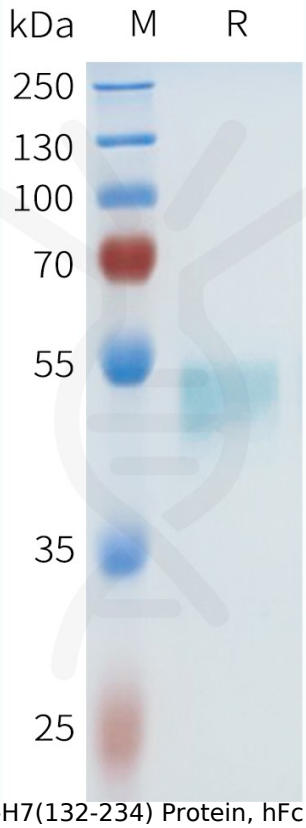

Figure 1. Human B7-H7(132-234) Protein, hFc Tag on SDS-PAGE under reducing condition.