PRODUCT INFORMATION

B7-H4 **Target**

B7X; B7H4; B7S1; VTCN1; B7h.5; VCTN1; **Synonyms**

PRO1291

Recombinant human B7-H4(25-152) Protein with **Description**

C-terminal human Fc tag

Delivery In Stock **Uniprot ID** Q7Z7D3 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

Background

B7-H4(Leu25-Met152) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of

40.0 kDa after removal of the signal peptide. The apparent molecular mass of B7-H4(25-152)-hFc is **Molecular Weight** approximately 35-55 kDa due to glycosylation.

> The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions of reconstitution. 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). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigenpresenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has

been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

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Usage Research use only

Conjugate Unconjugated

Figure 1. Human B7-H4(25-152) Protein, hFc Tag on SDS-PAGE under reducing condition.

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