

PRODUCT INFORMATION

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| Target | B7-H4 |
| Synonyms | B7X; B7H4; B7S1; VTCN1; B7h.5; VCTN1; PRO1291 |
| Description | Recombinant Cynomolgus B7-H4 protein with C-terminal 10×His tag |
| Delivery | In Stock |
| Uniprot ID | A0A2K5U6P5 |
| Expression Host | HEK293 |
| Tag | C-10×His tag |
| Molecular Characterization | B7-H4(Gly30-Ala258) 10×His tag |
| Molecular Weight | The protein has a predicted molecular mass of 26.5 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 85% 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 belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting 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] |
| Usage | Research use only |
| Conjugate | Unconjugated |





Figure 1. Cynomolgus B7-H4 Protein, His Tag on SDS-PAGE under reducing condition.

