

PRODUCT INFORMATION

B7-H4 **Target**

Synonyms VTCN1;B7x;B7s1

Recombinant mouse B7-H4 protein with C-**Description**

terminal 6×His tag

Delivery In Stock Q7TSP5 **Uniprot ID HEK293 Expression Host**

Molecular

Background

Tag

Mouse B7-H4(Phe29-Ser256) 6×His tag Characterization

C-6×His Tag

The protein has a predicted molecular mass of

26.0 kDa after removal of the signal peptide. The apparent molecular mass of mB7-H4-His is **Molecular Weight** approximately 35-70 kDa due to glycosylation.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

Enables signaling receptor binding activity. Acts upstream of or within positive regulation of interleukin-2 production; regulation of T cell

activation; and response to protozoan. Located in external side of plasma membrane. Is expressed in hemolymphoid system gland; lung; male reproductive gland or organ; and pancreas.

Orthologous to human VTCN1 (V-set domain orthologous to human vTCN1) containing T cell activation inhibitor 1). [provided by Alliance of Genome Resources, Apr 2022]

Usage Research use only

Conjugate Unconjugated









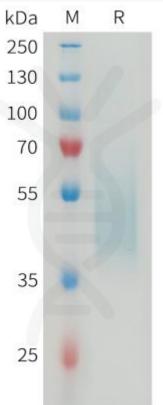


Figure 1. Mouse B7-H4 Protein, His Tag on SDS-PAGE under reducing condition.

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