



[Go to Product page](#)

Datasheet for ABIN7538585

## VTCN1 Protein (AA 29-256) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	VTCN1
Protein Characteristics:	AA 29-256
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VTCN1 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant mouse B7-H4 protein with C-terminal 6xHis tag
Specificity:	Mouse B7-H4 (Phe29-Ser256) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	VTCN1
Alternative Name:	B7-H4 ( <a href="#">VTCN1 Products</a> )
Background:	Enables signaling receptor binding activity. Acts upstream of or within positive regulation of

## Target Details

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 containing T cell activation inhibitor 1). [provided by Alliance of Genome Resources, Apr 2022]

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

**UniProt:** [Q7TSP5](#)

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

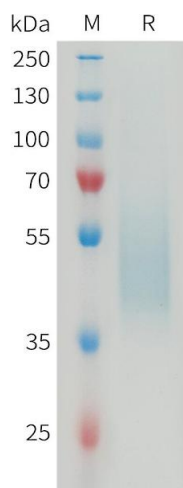
**Buffer:** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

**Storage:** -20 °C,-80 °C

**Storage Comment:** 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.

**Expiry Date:** 12 months

## Images



### SDS-PAGE

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