

Datasheet for ABIN6388048

## VTCN1 Protein (AA 25-259) (His tag)



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	VTCN1
Protein Characteristics:	AA 25-259
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VTCN1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	LIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVVDYNA SSETLRCEAP RWFPQPTVVW ASQVDQGANF SEVSNTSFEL NSENVMTMKVV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

#### Target Details

Target:	VTCN1
Alternative Name:	B7-H4 ( <a href="#">VTCN1 Products</a> )
Background:	VTCN1, also known as v-set domain-containing T-cell activation inhibitor 1 isoform 1, is a

## Target Details

member of the costimulatory B7 family. It has been found to be widely expressed in many kinds of tumor tissues and to play an important part in tumor progression and poor prognosis. It serves a critical role in the negative regulation of T cell-mediated antitumor immune responses. It facilitates proliferation of esophageal squamous cell carcinoma cells through promoting interleukin-6/signal transducer and activator of transcription 3 pathway activation. Recombinant human VTCN1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight:	26.9 kDa (244aa)
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NCBI Accession:	<a href="#">NP_078902</a>
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UniProt:	<a href="#">Q7Z7D3</a>
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## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

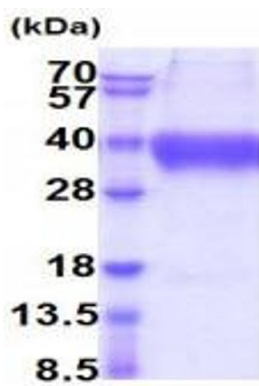
Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
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15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.