

Datasheet for ABIN5608339

VTCN1 Protein (partial) (Fc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	VTCN1
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This VTCN1 protein is labelled with Fc Tag.
Application:	Western Blotting (WB), ELISA

Product Details

Sequence:	Phe 33 - Ala 194
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per µg by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human VSIG8, His Tag at 10 µg/mL (100 µL/well) can bind Human B7-H5, Fc Tag with a linear range of 0.625-20 µg/mL (QC tested).

Target Details

Target:	VTCN1
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Target Details

Alternative Name:	B7-H5 (VTCN1 Products)
Background:	Platelet receptor Gi24, also known as B7-H5 and stress-induced secreted protein-1 (Sisp-1), is a protein that in humans is encoded by the C10orf54 gene, which contains 1 Ig-like (immunoglobulin-like) domain. As for C10orf54 gene, C10orf54 appears to positively interact with BMP-4, potentiating BMP signaling and the transition from an undifferentiated to a differentiated state on ESCs. Human C10orf54 undergoes proteolytic cleavage by MT1-MMP, generating a soluble 30 kDa extracellular fragment plus a 25-30 kDa membrane-bound fragment.
Molecular Weight:	44.8 kDa
Gene ID:	64115

Application Details

Application Notes:	This recombinant protein can be used for E, WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C, -80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.