

Datasheet for ABIN1047882

VTCN1 Protein (AA 26-258, partial) (GST tag)



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1 Image

Overview

Quantity:	100 µg
Target:	VTCN1
Protein Characteristics:	AA 26-258, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This VTCN1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	IIGFGISGRH SITVTTVASA GNIGEDGILS CTFEPDIKLS DIVIQWLKEG VLGLVHEFKE GKDELSEQDE MFRGRTAVFA DQVIVGNASL RLKNVQLTDA GTYKCYIITS KGKGNANLEY KTGAFSMPEV NVDYNASSET LRCEAPRWFP QPTVVWASQV DQGANSFSEVS NTSFELNSEN VTMKVSVSLY NVTINNTYSC MIENDIAKAT GDKVTESEI KRRSHLQLLN SKA
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	VTCN1
Alternative Name:	V-set domain-containing T-cell activation inhibitor 1 protein (VTCN1 Products)

Target Details

Background:	Negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. Involved in promoting epithelial cell transformation.
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Molecular Weight:	53 kD
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UniProt:	Q7Z7D3
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Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Storage:	-20 °C
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Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C
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SDS-PAGE

Image 1. V-Set Domain Containing T Cell Activation Inhibitor 1 (VTCN1) (AA 26-258), (partial) protein (GST tag)