

Recombinant Human VTCN1 protein, T7/His-tagged

Cat. No. VTCN1-116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human VTCN1 extracellular domain cDNA (25-259aa, Isoform-1, derived from BC074729) fused with T7/His/TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-259 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGGQQMGRGHHHHHHGNLYFQGEFLIIGFGISGRHSITVTTVASAGNIGEDGI LSCTFEPDIKLSDIVIQW LKEGVLGLVHEFKEGKDELSEQDEMFRGRTAVFADQVIV GNASLRLKNVQLTDAGTYKCYIITSKGKGANLEYK TGAFSMPEVNVNDYNASSETL RCEAPRWFPQPTVVWASQVDQGANFSEVSNTSFELNSENVTMKVVSVLNVNTINN TYSCMIENDIAKATGDIKVTSEIKRRSHLQLLNSKAS
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro VTCN1 mediated T cell differentiation regulation study with this protein as either soluble factor or coating matrix protein.2. May be used for mapping VTCN1 protein-protein interaction assay.3. Potential biomarker protein for clinical applications such as monitoring pancreatic cancer progression.4. As antigen

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for specific antibody production.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

GENE INFORMATION
Gene Name

VTCN1 V-set domain containing T cell activation inhibitor 1 [Homo sapiens]

Official Symbol

VTCN1

Synonyms

VTCN1; V-set domain containing T cell activation inhibitor 1; V-set domain-containing T-cell activation inhibitor 1; B7 family member; H4; B7 superfamily member 1; B7 H4; B7H4; B7S1; B7X; FLJ22418; B7 family member, H4; T cell costimulatory molecule B7x; T-cell costimulatory molecule B7x; immune costimulatory protein B7-H4; B7-H4; B7h.5; VCTN1; PRO1291; RP11-229A19.4;

Gene ID

79679

mRNA Refseq

NM_001253849

Protein Refseq

NP_001240778

MIM

608162

UniProt ID

Q7Z7D3

**Chromosome
Location**

1p12

Function

receptor binding;

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