

Recombinant Human VTCN1 protein, T7/His-tagged

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

SPECIFICATION

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|-------------------------|--|
| 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 | MASMTGGQQMGRGRHHHHHGNLYFQGEFLIIGFGISGRHSITVTTVASAGNIGEDGI LSCTFEPDIKLSDIVIQW LKEGVLGLVHEFKEGKDELSEQDEMFRGRTAVFADQVIV GNASLRLKNVQLTDAGTYKCYIITSKGKGNANLEYK TGAFSMPEVNVVDYNASSETL RCEAPRWFPQPTVVWASQVDQGANFSEVSNTSFELNSENVTMKVVSVLYNVTINN TYSCMIENDIAKATGDIKVTESEIKRRSHLQLLNSKAS |
| 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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