

VTCN1, 25-259aa, Human, His tag, E.coli

Cat.NO.: TP04490

3th Edition

Synonyms:V-set domain containing T cell activation inhibitor 1, B7-H4, B7h.5, B7H4, B7S1, B7X, PRO1291, RP11-229A19.4, VCTN1

Description:The VCTN1 is a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been correlated with tumor progression. A pseudogene of this gene is located on chromosome 20. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human VTCN1 protein, fused to His-tag at N-terminus, was expressed in E.coli .

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight:28.2kDa (258aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSLIIGFGISGRHSITVTTVASAGNIGEDGILSCTFEPDIKLSDIVIQWLKEGV LGLV
HEFKEGKDELSEQDEMFRGRTAVFADQVIVGNASRLKKNVQLTDAGTYKCYIITSKGKGNANLEYKTGAFSMPEVN
VDYNASSETLRCEAPRWFPQPTVVWASQVDQGANFSEVSNTSFELNSENVTMKVVSVLYNVTINNTYSCMIENDIA
KATGDIKVTSEIKRRSHLQLLNSKAS

Purity:> 95% by HPLC

Concentration:1.0mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.