

Product information



VTCN1, 25-259aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2478

Full name: V-set domain containing T cell activation inhibitor 1

NCBI Accession No.: NP_078902

Synonyms: B7-H4, B7h.5, B7H4, B7S1, B7X, PRO1291, RP11-229A19.4, VCTN1

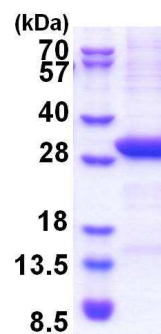
Description: The VCTN1 is a protein belonging to the B7 costimulatory protein family. Proteins in this family are present on the surface of antigen-presenting cells and interact with ligand bound to receptors on the surface of T cells. Studies have shown that high levels of the encoded protein has been 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)

Purity: > 90% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSLIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS
EQDEMFRGRT AVFADQVIVG NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVNDYNA SSETLRCEAP RWFPQPTVVW
ASQVDQGANF SEVSNTSFEL NSENVTKMVV SVLYNVTINN TYSQMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKAS

General references:

Fauci, J.M., *et al.* (2012) *Gynecol. Oncol.* 127 (2), 420-425

Galazka, K., *et al.* (2012) *Am. J. Reprod. Immunol.* 68 (1), 85-93

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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