

Product information

VTCN1, 25-259aa

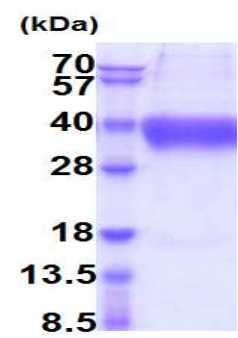
Human, His-tagged, Recombinant, Insect cell

Cat. No. IBATGP3607

Full name: V-set domain-containing T-cell activation inhibitor 1 isoform 1 **NCBI Accession No.:** NP_078902

Synonyms: VTCN1, B7-H4, B7h.5, B7H4, B7S1, B7X, PRO1291

Description: VTCN1, also known as v-set domain-containing T-cell activation inhibitor 1 isoform 1, is a member of the costimulatory B7 family. It has been found to be widely expressed in many kinds of tumor tissues and to play an important part in tumor progression and poor prognosis. It serves a critical role in the negative regulation of T cell-mediated antitumor immune responses. It facilitates proliferation of esophageal squamous cell carcinoma cells through promoting interleukin-6/signal transducer and activator of transcription 3 pathway activation. Recombinant human VTCN1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

<p>Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.</p> <p>Molecular Weight: 26.9kDa (244aa) 28-40kDa (SDS-PAGE under reducing conditions)</p> <p>Predicted N terminal: Ala</p> <p>Purity: > 90% by SDS - PAGE.</p> <p>Concentration: 0.25mg/ml (determined by Absorbance at 280nm)</p> <p>Endotoxin Level: < 1.0 EU per 1µg of protein (determined by LAL method)</p>	 <p>15% SDS-PAGE (3ug)</p>
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Sequences of amino acids:

ADPLIIIGFGI SGRHSITVTT VASAGNIGED GILSCTFEPD IKLSDIVIQW LKEGVLGLVH EFKEGKDELS EQDEMFRGRG AVFADQVIVG
 NASLRLKNVQ LTDAGTYKCY IITSKGKGNA NLEYKTGAFS MPEVNVVDYNA SSETLRCEAP RWFQPQTVVW ASQVDQGANF SEVSNTSFEL
 NSENVTKV SVLYNVTINN TYSCMIENDI AKATGDIKVT ESEIKRRSHL QLLNSKASHH HHHH

General references:

Zeng S., *et al.* (2016) *Mol Biol.* 50:1007-1013.

Chen X., *et al.* (2016) *Cancer Sci.* 107:944-954.

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

Product information

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.

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Manufactured for:

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