

B7-H4/VTCN1 recombinant protein

Recombinant Rhesus Macaque B7-H4/VTCN1 Protein (C-His)

CATALOG # AAA174711	HOST Human Cells
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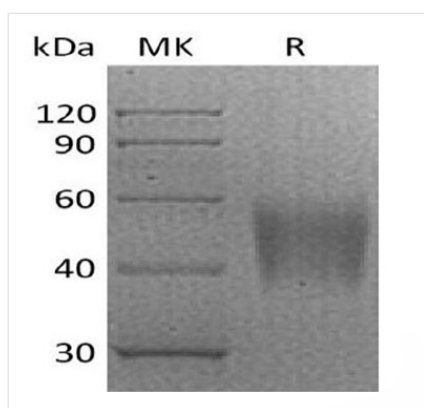
PRODUCT SYNONYMS

B7-H4/VTCN1; Recombinant Rhesus Macaque B7-H4/VTCN1 Protein (C-His); B7S1; B7x; Vtcn1; B7h.5; B7-H4; B7H4T-cell costimulatory molecule B7x; B7S1VCTN1; B7XPRO1291; FLJ22418; Immune costimulatory protein B7-H4; Protein B7S1; T cell costimulatory molecule B7x; V-set domain containing T cell activation inhibitor 1; V-set domain-containing T-cell activation inhibitor 1; B7-H4/VTCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Sequence	Phe29-Ala258
Species	Rhesus Macaque
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water(200ul) be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Ships on blue ice. Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for B7-H4/VTCN1 recombinant protein	Protein Construction: Recombinant Rhesus macaque B7-H4 is produced by our mammalian expression system and the target gene encoding Phe29-Ala258 is expressed with a 6His tag at the C-terminus. Background: B7 Homolog 4 (B7-H4) is glycosylated member of the B7 family of immune costimulatory proteins.It is widely expressed, including in kidney, liver, lung, pancreas, placenta, prostate, spleen, testis and thymus. B7-H4 negatively regulates T-cell-mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. When expressed on the cell surface of tumor macrophages, plays an important role, together with regulatory T-cells (Treg), in the suppression of tumor-associated antigen-specific T-cell immunity. It also involved in promoting epithelial cell transformation.
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	F7B770
Molecular Weight	Molecular Mass: 26.4kDa Actual Protein Molecular Mass: 40-60kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/b7-h4/vtcn1-recombinant-protein-human-cells/174711>