

Recombinant human V-set domain-containing T-cell activation inhibitor 1

Catalog No: #AP72200

Orders: order@signalwayantibody.com

Package Size: #AP72200-1 20ug #AP72200-2 100ug #AP72200-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human V-set domain-containing T-cell activation inhibitor 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-258aaSequence Info:Partial
Other Names	B7 homolog 4 ;B7-H4B7h.5Immune costimulatory protein B7-H4Protein B7S1T-cell costimulatory molecule B7x
Accession No.	Q7Z7D3
Uniprot	Q7Z7D3
GeneID	79679;
Calculated MW	29.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	IIGFGISGRHSITVTTVASAGNIGEDGILSCTFEPDIKLSDIVIQWLKEGVLGLVHEFKEGKDELSEQDEMFRGRT AVFADQVIVGNASLRLKNVQLTDAGTYKCYIITSKGGKGNANLEYKTGAFSMPEVNVVDYNASSETLRCEAPRWF PQPTVVWASQVDQGANFSEVSNTSFELNSENVTMKVSVLYNVTINNTYSCMIENDIAKATGDIKVTESEIKRR SHLQLLNSKA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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. Involved in promoting epithelial cell transformation.

References

B7-H4, a molecule of the B7 family, negatively regulates T cell immunity.Sica G.L., Choi I.-H., Zhu G., Tamada K., Wang S.-D., Tamura H., Chapoval A.I., Flies D.B., Bajorath J., Chen L.Immunity 18:849-861(2003)Research Topic:Immunology

Note: This product is for in vitro research use only