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Product Datasheet

Recombinant Rhesus Macaque B7-H4 (C-Fc) EBT-EPT264

Article Name	Recombinant Rhesus Macaque B7-H4 (C-Fc)
Biozol Catalog Number	EBT-EPT264
Supplier Catalog Number	EPT264
Alternative Catalog Number	EBT-EPT264-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Rhesus Macaque V-set Domain-containing T-cell Activation Inhibitor 1 is produced by our Mammalian expression system and the target gene encoding Phe29-Ala258 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 52.5 KDa. Apparent molecular weight: 70-100 KDa, reducing conditions
UniProt	F7B770
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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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