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32-18463: Cynomolgus B7-H3 Protein, His Tag

Uniprot ID : XP_015308534.1
Alternative Name : B7H3; CD276; B7RP-2; 4Ig-B7-H3

Description

Description :Recombinant Cynomolgus B7-H3 protein with C-terminal 10×His tag
Background: The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues. Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Description: Recombinant Cynomolgus B7-H3 protein with C-terminal 10×His tag
Molecular Characterization: B7-H3(Leu29-Glu465) 10×His tag
Molecular Weight :The protein has a predicted molecular mass of 48.4 kDa after removal of the signal peptide. The apparent molecular mass of cB7-H3-His is approximately 55-100 kDa due to glycosylation.
Tag :C-10×His tag

Product Info

Amount :	50 μg / 100 μg
Purification :	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

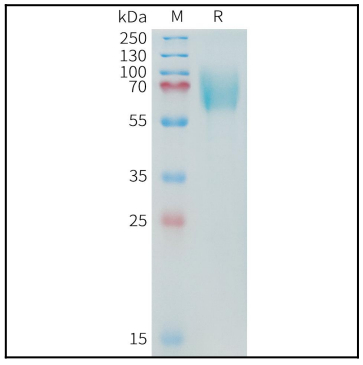

Figure 1. Cynomolgus B7-H3 Protein, His Tag on SDS-PAGE under reducing condition.