

## Recombinant human B7-H3/CD276 protein, C-His (HEK293)

Catalog Number: bs-47041P

Concentration: >0.5 mg/ml

AA Seq: 29-245/534

Predicted MW: 24.7

Detected MW: Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.

Tags: C-His

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

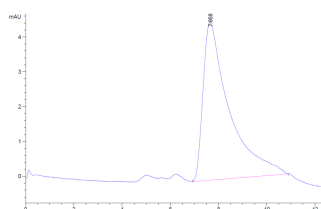
Form: Lyophilized

Storage: Lyophilized from 0.22um filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

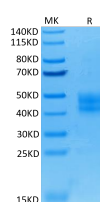
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**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]

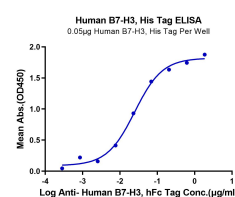
### VALIDATION IMAGES



The purity of Human B7-H3 / CD276 Protein is greater than 95% as determined by SEC-HPLC.



Human B7-H3 / CD276 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Immobilized Human B7-H3, His Tag at 0.5μg/ml (100μl/Well) on the plate. Dose response curve for Anti-Human B7-H3 with the

EC50 of 24.8ng/ml determined by ELISA.