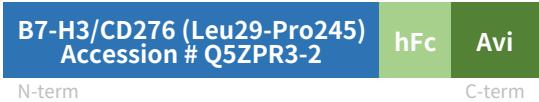


Rev05
 Update: Aug,11,2025
DATASHEET

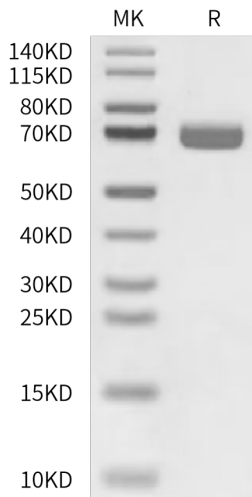
B7-H3/CD276 hFc Chimera[Biotin], Avi, Human

Cat. No.: Z03884

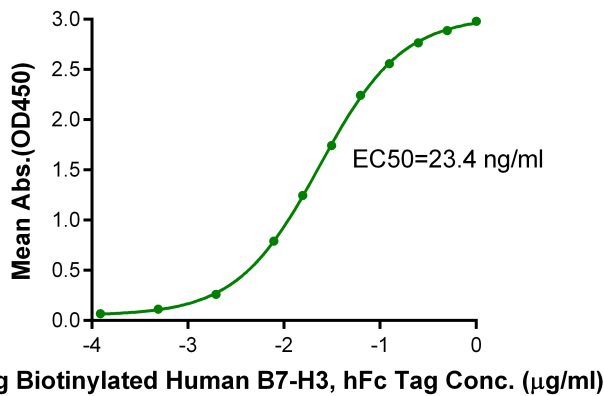
Product Introduction

Species	Human
Protein Construction	 <p style="text-align: center;"> N-term C-term </p>
Conjugate	Biotin
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Biological Activity	Immobilized Anti-B7-H3 Antibody, hFc Tag at 1 µg/ml on the plate can B7-H3/CD276 hFc Chimera[Biotin], Avi, Human (Cat.No.: Z03884)
Expression System	HEK293
Theoretical Molecular Weight	51.06 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 65-75 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from a 0.22 µm filtered solution in PBS, pH 7.4.
Reconstitution	It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH ₂ O more than 100 µg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

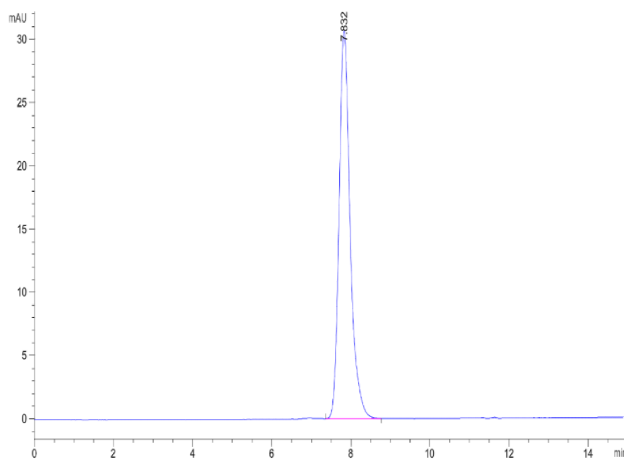
Examples



B7-H3/CD276 hFc Chimera[Biotin], Human on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



Immobilized Anti-B7-H3 Antibody, hFc Tag at 1 µg/ml (100 µl/well) on the plate. Dose response curve for B7-H3/CD276 hFc Chimera[Biotin], Avi, Human with the EC50 of 23.4 ng/ml determined by ELISA.



The purity of B7-H3/CD276 hFc Chimera[Biotin], Avi, Human is greater than 95% as determined by SEC-HPLC.

Background

Target Background : B7-H3, a member of the B7 family of immunomodulatory molecules, is overexpressed in a wide range of solid cancers. B7-H3 binds to activated T cells via an as yet unidentified receptor. In assays using sub-optimal amount so anti-CD3 stimulation, 2Ig-B7-H3 enhances T cell proliferation, T cell interferon-gamma (IFN-gamma) production, and cytotoxic T cells induction.

Synonyms : B7H3; B7-H3; CD276; PSEC0249; UNQ309; PRO352; B7 homolog 3; CD276

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28Yongxi Road, Jiangning District, Nanjing, Jiangsu, China