

Recombinant Human B7-H3/CD276 Protein, His Tag

产品信息

产品名称	产品编号	规格
Recombinant Human B7-H3/CD276 Protein, His Tag	93091ES20	20 µg
	93091ES60	100 µg
	93091ES76	500 µg
	93091ES80	1 mg

产品描述

B7 homolog 3 (B7-H3) is a member of the B7 family of immune proteins that provide signals for regulating immune responses. Other family members include B7-1, B7-2, B7-H2, PD-L1 (B7-H1), and PD-L2. B7 proteins are immunoglobulin (Ig) superfamily members with extracellular Ig-V-like and Ig-C-like domains and short cytoplasmic domains. Among the family members, they share about 20-40% aa sequence identity.

产品性质

Synonyms	B7H3; B7-H3; CD276; PSEC0249; UNQ309; PRO352; B7 homolog 3; CD276
Uniprot No.	Q5ZPR3-2
Source	HEK293 Cells-derived Human B7-H3/CD276 Protein, Leu29-Pro245 with His tag at the C-terminal
Molecular Weight	The protein has a predicted MW of 24.7 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 95% as determined by SDS-PAGE and HPLC
Activity	ELISA Data: Immobilized Human B7-H3, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-B7-H3 Antibody, hFc Tag with the EC ₅₀ of 29.4ng/ml determined by ELISA.
Endotoxin	< 1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/mL is recommended (usually we use 1 mg/mL solution for lyophilization). Dissolve the lyophilized protein in distilled water.

运输与保存方法

The products are shipped with ice pack and can be stored at -20°C for 1 year.

2-7 days, 2 to 8 °C under sterile conditions after reconstitution.

3 months, -20 °C under sterile conditions after reconstitution.

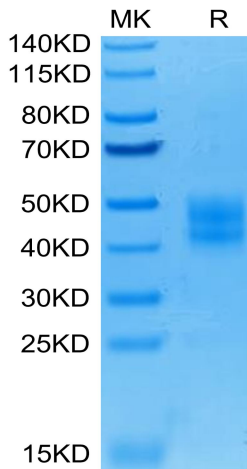
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

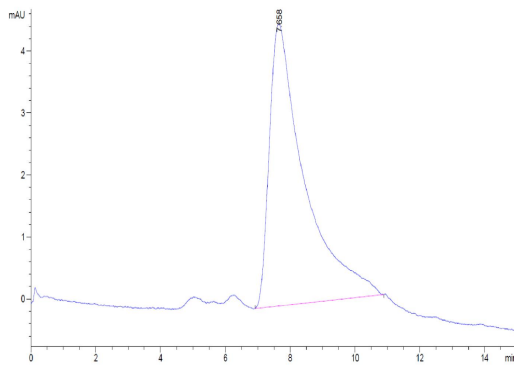
产品数据

Tris-Bis PAGE



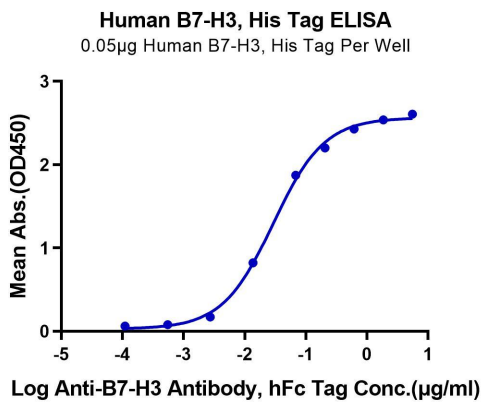
Human B7-H3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



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

ELISA Data



Immobilized Human B7-H3, His Tag at 0.5 μ g/ml (100 μ L/Well) on the plate. Dose response curve for Anti-B7-H3 Antibody, hFc Tag with the EC₅₀ of 29.4 ng/ml determined by ELISA.