

For Research Use Only

Recombinant Mouse B7-H3/CD276 protein (rFc Tag)

Catalog Number: Eg3849



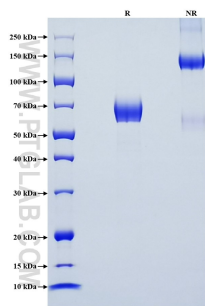
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse B7-H3 protein Val29-Ala248 (Accession# Q8VE98) with a rabbit IgG Fc tag at the C-terminus. GeneID: 102657 Accession: Q8VE98 Predicted Molecular Mass: 50.2 kDa SDS-PAGE: 60-70 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	B7 homolog 3 protein (B7-H3), also known as CD276, is an immune checkpoint molecule and a costimulatory/coinhibitory immunoregulatory protein that plays a dual role in the immune system. It was first cloned in 2001 from a cDNA library that was derived from human dendritic cells (DCs).		
References	1. Hofmeyer KA, et al. Proc Natl Acad Sci USA (2008) 105:10277-8. 2. Chapoval AI, Chapoval AI, Nat Immunol (2001) 2:269-74.		
Synonyms	Cd276, B7 homolog 3, B7h3, B7-H3, B7RP 2		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Mouse B7-H3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.