

For Research Use Only

Recombinant Mouse CD94 protein (rFc Tag)



Catalog Number: Eg3843

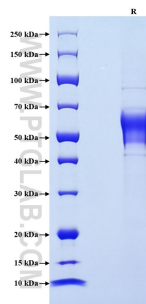
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse CD94 protein Ile32-Ile179 (Accession# O54707) with a rabbit IgG Fc tag at the C-terminus. GeneID: 16643 Accession: O54707 Predicted Molecular Mass: 43.5 kDa SDS-PAGE: 50-65 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	CD94 is a NKG2A-encoded molecule that forms heterodimeric receptors with NKG2A, -C, and -E in the mouse and NKG2A, -C, and -E in humans. Despite their name and close linkage, these NKG2s are structurally and functionally unrelated to NKG2D and NKG2D does not pair with CD94.		
References	1. Lanier L.L. Annu. Rev. Immunol. 2005;23:225-274.		
Synonyms	Klrtd1, Killer cell lectin-like receptor subfamily D member 1		

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

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Selected Validation Data



Purity of Recombinant Mouse CD94 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.