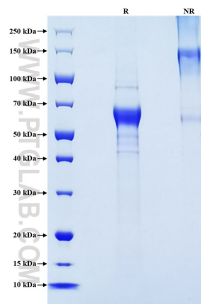


Recombinant Human CD336 protein (rFc Tag)

Catalog Number: Eg1594

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p>Purity: >90 %, SDS-PAGE</p> <p>Endotoxin Level: <0.1 EU/ µg protein, LAL method</p> <p>Source: HEK293-derived Human CD336 protein Gln22-Pro190 (Accession# O95944-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p>GeneID: 9436</p> <p>Accession: O95944-1</p> <p>Predicted Molecular Mass: 44.8 kDa</p> <p>SDS-PAGE: 55-70 kDa, reducing (R) conditions</p> <p>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.</p>		
Biological Activity	Not tested		
Storage and Shipping	<p>Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none">• Until expiry date, -20°C to -80°C as lyophilized proteins.• 3 months, -20°C to -80°C under sterile conditions after reconstitution. <p>Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.</p>		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	<p>CD336, also named as NCR2, LY95 and NKp44, belongs to the natural cytotoxicity receptor (NCR) family. It is cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis. It is expressed on activated human NK cells. CD336 displays a single extracellular Ig-like V domain and a transmembrane portion containing the charged residue (Lysine), likely involved in the association with KARAP/DAP12 molecules.</p>		
References	<ol style="list-style-type: none">1. Kerstin H Mair. et al. (2022) Front Immunol.13:767530.2. Nathan C Horton. et al. (2015) Front Immunol. 6:31		
Synonyms	NCR2, CD336, LY95, Lymphocyte antigen 95 homolog, Natural killer cell p44-related protein		

Selected Validation Data



Purity of Recombinant Human CD336 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.

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

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