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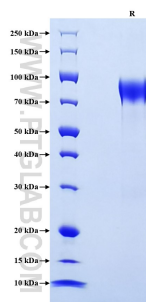
# Recombinant Human IL-17RA protein (rFc Tag)



Catalog Number: Eg2317

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	<p><b>Purity:</b> &gt;90 %, SDS-PAGE</p> <p><b>Endotoxin Level:</b> &lt;0.1 EU/ <math>\mu</math>g protein, LAL method</p> <p><b>Source:</b> HEK293-derived Human IL-17RA protein Leu33-Trp320 (Accession# Q96F46-1) with a rabbit IgG Fc tag at the C-terminus.</p> <p><b>GeneID:</b> 23765</p> <p><b>Accession:</b> Q96F46-1</p> <p><b>Predicted Molecular Mass:</b> 59.7 kDa</p> <p><b>SDS-PAGE:</b> 70-100 kDa, reducing (R) conditions</p> <p><b>Formulation:</b> Lyophilized from 0.22 <math>\mu</math>m 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><b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <p><b>Shipping:</b> 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>Interleukin-17 receptor A (IL17A) is a major effector cytokine of the innate and adaptive immune system and is involved in antimicrobial host defense and maintenance of tissue integrity. It has been shown that IL-17A is involved in the pathogenesis of asthma and allergy and regulates local immune and inflammatory processes in bone tissue and is involved in the onset and progression of osteoporosis. In addition to this, due to polymorphisms in the IL17RA gene, it leads to the development of Fanconi anemia (PMID: 37600656; 36790253; 31168303).</p>		
References	<ol style="list-style-type: none"><li>1. Deng YJ. et al. (2023). Front Genet. 14:1219894.</li><li>2. Mobile RZ. et al. (2023). Braz Oral Res. 37:e012.</li><li>3. Silva MJ. et al. (2019). Allergy Asthma Clin Immunol. 15:28.</li></ol>		
Synonyms	CD217, IL17RA, CANDF5, CDw217, hIL 17R		

## Selected Validation Data



Purity of Recombinant Human IL-17RA was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.

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

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