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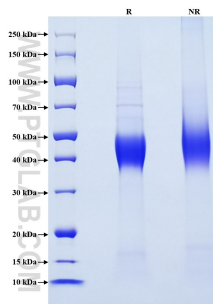
Recombinant Human IL-7RA/CD127 protein (His Tag)



Catalog Number: Eg1279

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: His 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 IL-7RA protein Glu21-Asp239 (Accession# P16871-1 (I66T, V138I)) with a His tag at the C-terminus.</p> <p>GeneID: 3575</p> <p>Accession: P16871-1</p> <p>Predicted Molecular Mass: 26.1 kDa</p> <p>SDS-PAGE: 38-50 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>IL-7R is a heterodimer composed of two chains, the α chain IL-7RA (also known as CD127) and the common cytokine receptor γ chain IL-2Rγ (also known as CD132). CD127 is a type I membrane glycoprotein expressed on thymocytes, B cell precursors, most T cells, and some lymphoid and myeloid cells. CD127 can also act as a receptor for thymic stromal lymphopoietin (TSLP). The levels of soluble form of CD127 (sCD127) could be used as a biomarker for septic shock, tuberculosis, and systemic lupus erythematosus.</p>		
References	<ol style="list-style-type: none">1.Daniele N. et al. (2011). Pathol Res Pract.15;207(4):209-15.2.Wang C. et al. (2022). Int J Mol Sci. 8;23(18):10412.3.Barros PO. et al. (2021). Immunotargets Ther. 8;10:47-62.		
Synonyms	CD127, IL-7Ra/CD127, IL 7 receptor subunit alpha, IL 7R alpha, IL 7R subunit alpha		

Selected Validation Data



Purity of Recombinant Human IL-7RA 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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