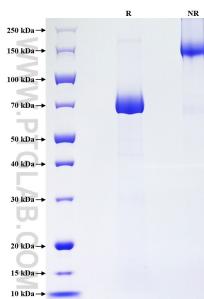


Catalog Number: Eg2579

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/ µg protein, LAL method</p> <p><b>Source:</b> CHO-derived Human IL-13RA2 protein Asp27-Arg343 (Accession# Q14627) with a rabbit IgG Fc tag at the C-terminus.</p> <p><b>GenelD:</b> 3598</p> <p><b>Accession:</b> Q14627</p> <p><b>Predicted Molecular Mass:</b> 63.4 kDa</p> <p><b>SDS-PAGE:</b> 65-80 kDa, reducing (R) conditions</p> <p><b>Formulation:</b> 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><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	IL-13RA2 is an inhibitory decoy receptor with a high affinity for IL-13 and diminishes its certain effector functions. IL-13/IL-13RA2 signaling has been repeatedly reported as an excellent therapeutic target for multiple types of cancers. Although many physiological and pathological roles of IL-13/IL-13RA2 signaling transduction have been described, its biological roles and regulatory mechanisms in CSCs remain largely unknown.		
References	<ol style="list-style-type: none"><li>1. Hallett, Miranda A et al. <i>Cancer research</i> vol. 72,24 (2012): 6338-43.</li><li>2. He, Baoyu et al. <i>Genes &amp; diseases</i> vol. 11,1 495-508. 23 Apr. 2023.</li></ol>		
Synonyms	IL13RA2, CD213A2, CT19, IL 13 receptor subunit alpha 2, IL 13R		

## Selected Validation Data



Purity of Recombinant Human IL-13RA2 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.