

For Research Use Only

Recombinant Human IL-22RA2 protein (rFc Tag)



Catalog Number: Eg2825

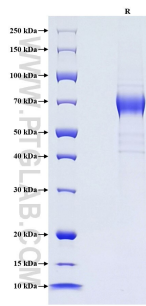
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Human IL-22RA2 protein Thr22-Pro231 (Accession# Q969J5-2) with a rabbit IgG Fc tag at the C-terminus. GeneID: 116379 Accession: Q969J5-2 Predicted Molecular Mass: 50.7 kDa SDS-PAGE: 65-75 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	The IL-22 binding protein (IL-22BP) is encoded by the IL22RA2 gene. IL-22BP has been shown to be expressed by distinct dendritic cell populations in mesenteric lymph nodes and the gut of rodents. It has also been recently shown that IL-22BP expressed by T cells plays an important role for IBD development in humans and IBD mouse models.		
References	1. Martin JC. et al. (2014). Mucosal Immunol. 7:101–113. 2. Huber S. et al. (2012). Nature. 491:259–263. 3. Pelczar P. et al. (2016). Science. 354:358–362.		
Synonyms	IL22RA2, IL-22RA2, CRF2 10, CRF2 S1, CRF2-10		

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

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Selected Validation Data



Purity of Recombinant Human IL-22RA2 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.