

Recombinant Cynomolgus IL22RA1 protein, His-tagged

Cat. No. IL22RA1-1451C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus IL22RA1 protein(A0A2K5TKX9)(Pro18-Thr225), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	C-His
ProteinLength	Pro18-Thr225
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Cynomolgus IL-22R alpha 1, His Tag immobilized on CM5 Chip can bind Cynomolgus IL-22, His Tag with an affinity constant of 60.21 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 24.84 kDa. Due to glycosylation, the protein migrates to 38-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

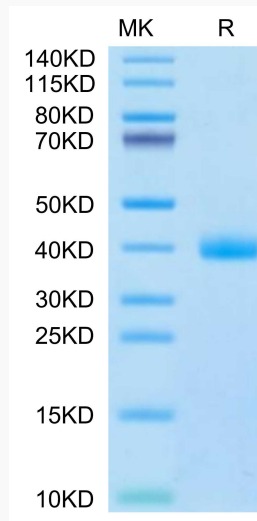
Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

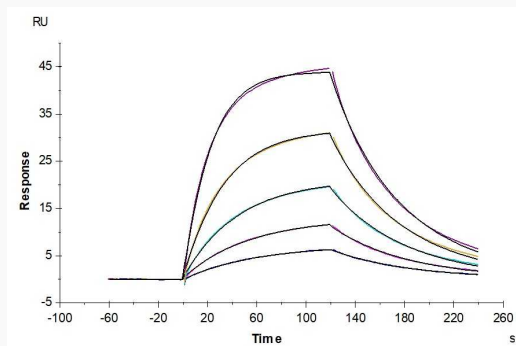
Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

Tris-Bis PAGE



SPR



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