

Human IL-1R3/IL-1 RAcP Protein

HA210101



Product name:	Human IL-1R3/IL-1 RAcP Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human IL-1R3/IL-1 RAcP Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Ser21-Glu359.
Background:	IL-1 Receptor Accessory Protein (IL-1 RAcP), also known as IL-1 R3, is a ubiquitously expressed 70-90 kDa member of the Interleukin-1 receptor family of proteins. It serves as a non-ligand-binding component of the receptors for IL-1 alpha, IL-1 beta, IL-33, and IL-36. IL-1 R3 is a coreceptor for IL1RL2 in the IL-36 signaling system. IL-1 R3 is a coreceptor with IL1R1 in the IL-1 signaling system. Associates with IL1R1 bound to IL1B to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B and other pathways.
Purity:	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	HEK293
Accession:	Q9NPH3-1
Predicted molecular mass:	The protein has a predicted MW of 42 kDa. Due to glycosylation, the protein migrates to 52-70 kDa based on Tris-Bis PAGE result
Formulation:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Hangzhou Huaan Biotechnology Co., Ltd.

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Applications:WB=Western blot IHC-P=Immunohistochemistry (paraffin) IF-Cell=Immunofluorescence (Cell) IF-Tissue=Immunofluorescence (Tissue) FC=Flow cytometry IP=Immunoprecipitation

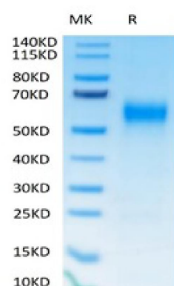


Fig1: Recombinant Human IL-1R3 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

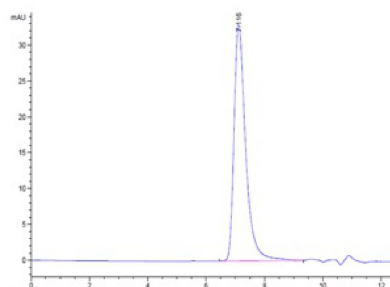


Fig2: The purity of Recombinant Human IL-1R3 Protein is greater than 95% as determined by SEC-HPLC.

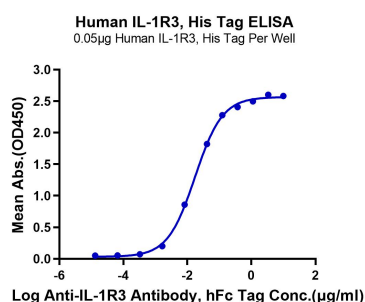


Fig3: Immobilized Human IL-1R3, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-IL-1R3 Antibody, hFc Tag with the EC50 of 17.4ng/ml determined by ELISA.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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