

Human IL-13Ra2 Protein

HA210134



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| Product name: | Human IL-13Ra2 Protein |
| Species reactivity: | Human |
| Protein construction description: | Recombinant Human IL-13Ra2 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp27-Leu342.[Accession Q14627] |
| Background: | Two type 1 membrane proteins belonging to the hemopoietin receptor family have been cloned and shown to bind IL-13 with differing affinities. The lower affinity IL-13 binding protein, previously designated IL-13 R alpha, IL-13 R alpha ' or NR4, is now referred to as IL-13 R alpha 1. The high-affinity IL-13 binding protein, previously also designated IL-13 R or IL-13 R alpha ', is now referred to as IL-13 R alpha 2. |
| 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: | Q14627 |
| Predicted molecular mass: | The protein has a predicted MW of 63.7 kDa. Due to glycosylation, the protein migrates to 65-70 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.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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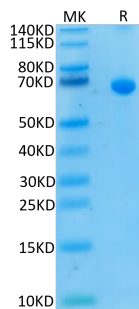


Fig1: Human IL-13Ra2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

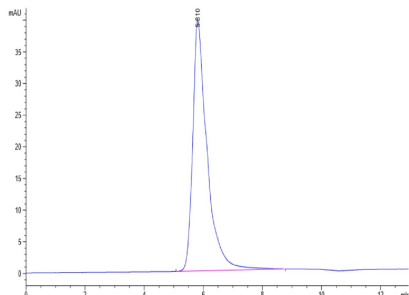


Fig2: The purity of Human IL-13Ra2 is greater than 95% as determined by SEC-HPLC.

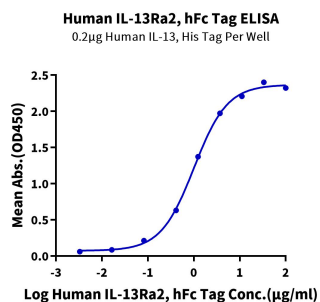


Fig3: Immobilized Human IL-13, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human IL-13Ra2, hFc Tag with the EC50 of 1.0µg/ml determined by ELISA.

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