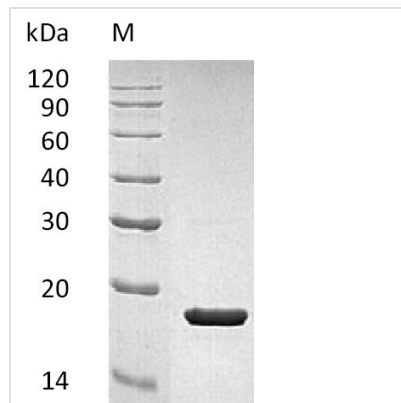




# Recombinant Human Interleukin-1 receptor antagonist protein (IL1RN) (Active)

|                            |  |
|----------------------------|--|
| <b>Product Code</b>        | CSB-AP004601HU   |
| <b>Abbreviation</b>        | Recombinant Human IL1RN protein (Active)   |
| <b>Uniprot No.</b>         | P18510   |
| <b>Storage Buffer</b>      | Lyophilized from a 0.2 $\mu$ m filtered 20mM PB, 8% Trehalose, 4% Mannitol, 50mM NaCl, 0.05% Tween80, pH7.5.   |
| <b>Product Type</b>        | Interleukins   |
| <b>Immunogen Species</b>   | Homo sapiens (Human)   |
| <b>Biological Activity</b> | The ED50 as determined by its ability to inhibit IL-1 beta induced NF-kB signaling in 293-IL1 Res cells is 13.2 ng/mL.   |
| <b>Purity</b>              | Greater than 95% as determined by SDS-PAGE.  |
| <b>Sequence</b>            | RPSGRKSSKMQAFRIWDVNQKTFYLRNNQLVAGYLQGPVNLEEKIDVVPIEP<br>HALFLGIHGGKMCLSCVKSGDETRLQLEAVNITDLSENKQDKRFAFIRSDSG<br>PTTSFESAACPGWFLCTAMEADQPVSLTNMPDEGVMVTKFYFQEDE |
| <b>Research Area</b>       | Immunology   |
| <b>Source</b>              | E.coli   |
| <b>Target Names</b>        | IL1RN  |
| <b>Expression Region</b>   | 26-177aa   |
| <b>Tag Info</b>            | Tag-Free   |
| <b>Mol. Weight</b>         | 17.26 kDa  |
| <b>Protein Length</b>      | Full Length of Mature Protein  |

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

|                   |  |
|-------------------|--|
| <b>Endotoxin</b>  | Less than 1.0 EU/ $\mu$ g as determined by LAL method.   |
| <b>Shelf Life</b> | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. |



Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.