



# Recombinant Human Interleukin-36 receptor antagonist protein (IL36RN)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP866201HU-B  |
| <b>Abbreviation</b>      | IL36RN  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q9UBH0  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MVLSGALCFR MKDSALKVLY LHNNQLLAGG LHAGKVIKGE EISVVPNRWL<br>DASLSPVILG VQGGSQLCLSC GVGQEPTLTL EPVNIMELYL GAKESKSFTF<br>YRRDMGLTSS FESAAYPGWF LCTVPEADQP VRLTQLPENG GWNAPITDFY<br>FQQCD  |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | IL36RN  |
| <b>Protein Names</b>     | Recommended name: Interleukin-36 receptor antagonist protein<br>Alternative name(s): FIL1 delta IL-1-related protein 3<br>Short name= IL-1RP3 Interleukin-1 HY1<br>Short name= IL-1HY1 Interleukin-1 delta<br>Short name= IL-1 del  |
| <b>Expression Region</b> | 1-155   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | full length protein   |
| <b>Target Details</b>    | This protein is a member of the interleukin 1 cytokine family. This cytokine was shown to specifically inhibit the activation of NF-kappaB induced by interleukin 1 family, member 6 (IL1F6). This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Two alternatively spliced transcript variants encoding the same protein have been reported.                |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <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.  |



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