

Recombinant Human IL-1Ra Protein

Catalog Number:PDEH100064



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

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|------------------------------------|--|
| Synonyms | Interleukin-1 receptor antagonist protein;IL-1RN;IL-1ra;IRAP;ICIL-1RA;IL1 inhibitor;Anakinra;IL1RN;IL1F3;IL1RA |
| Species | Human |
| Expression Host | E.coli |
| Sequence | Arg26-Glu177 |
| Accession | P18510 |
| Calculated Molecular Weight | 19.4 kDa |
| Observed molecular weight | 19 kDa |
| Tag | N-His |

Properties

| | |
|-----------------------|---|
| Purity | > 90 % as determined by reducing SDS-PAGE. |
| Endotoxin | Please contact us for more information. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Reconstitution | Please refer to the specific buffer information in the print Please refer to the printed manual for detailed information. |

Background

Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. Binds functional interleukin-1 receptor IL1R1 with greater affinity than decoy receptor IL1R2; however, the physiological relevance of the latter association is unsure.

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