

Recombinant Human IL-1Ra Protein

Catalog Number:PDEH100064



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

Description

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. Please refer to the specific buffer information in the print
Reconstitution	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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