

# Recombinant Human IL-1 beta/IL-1F2 Protein

Catalog Number: EXRP031

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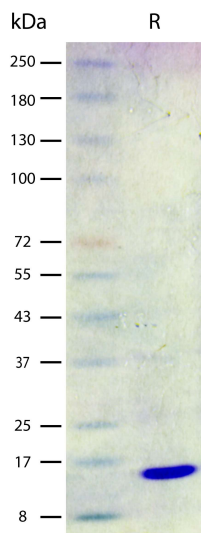
## Product Details

<b>Biological Activity</b>	Determined by a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED <sub>50</sub> for this effect is typically <10 pg/mL
<b>Purity</b>	>98% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
<b>Endotoxin</b>	<0.05 EU per 1 µg of the protein as determined by the LAL method
<b>Source</b>	Expressed in <i>E. coli</i> .
<b>Accession Number</b>	P01584
<b>Sequence</b>	Ala117-Ser269 APVRSLNCTL RDSQQKSLVM SGPYELKALH LQGQDMEQQV VFSMSFVQGE ESNDKIPVAL GLKEKNLYLS CVLKDDKPTL QLESVDPKNY PKKKMEKRFV FNKIEINNKL EFESAQFPNW YISTSQAENM PVFLGGTKGG QDITDFTMQF VSS
<b>Molecular Weight</b>	17.3 kDa (predicted)
<b>Formulation</b>	Lyophilized from sterile PBS with Trehalose, pH 7.4

## Storage and Preparation

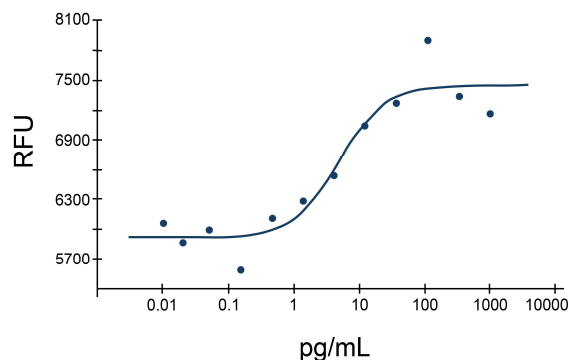
<b>Shipping</b>	Shipped at ambient temperature.
<b>Stability and Storage</b>	<ul style="list-style-type: none"><li>12 months from date of receipt at -20°C to -70°C, <b>lyophilized powder</b>.</li><li>3 months at -20°C to -70°C under sterile conditions <b>after reconstitution</b>.</li></ul> <b>Avoid repeated freeze-thaw cycles.</b>
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in PBS.

## Data Images



**SDS-PAGE Data, Recombinant Human IL-1 beta**  
Recombinant Human IL-1 beta (2 µg/lane) on SDS-PAGE under reducing (R) conditions. The gel was stained using Coomassie® Blue showing a single band at 17 kDa and purity greater than 98%.

## Recombinant Human IL-1 beta



Determined by a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED<sub>50</sub> for this effect is typically <10 pg/mL.