



# AVISCERA BIOSCIENCE

## Human Soluble IL1 Receptor 1 (sIL1R1) Recombinant (HEK293)

### Product Information

Code	00118-06-20
Name	Soluble IL1R1 (Human),
Lot No.	
Size	20 µg
Species	Human
Sequence	Leu18-Thr332
Protein ID	NP_000868
Gene ID	NM_000877
MW	55-60 KD (glycosylated) in SDS-PAGE gel under reduce condition
Tag	His tag on C terminus
Source	HEK293 cells
Purity	>97% in SDS-PAGE gel PBS lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	PBS, 200 µl

### Description

A DNA sequence encoding the extracellular domain of human IL1R1 (Leu<sup>18</sup>-Ala<sup>332</sup>) with polyhistidine tag on the C-Terminus was expressed in HEK293 cells. The soluble form of recombinant human IL1R1 has a predicted molecular mass of 37.7 kDa. In SDS-PAGE under reducing conditions, it migrates with an apparent molecular mass of 55-60 kDa due to glycosylation.

### Formulation

Lyophilized 20 µg of human soluble IL1R1 in 100 µl of 0.2 µm filtered solution in PBS. Carry free.

### Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

### Bioactivity

The bioactivity was measured to bind human IL1-beta coated on microplates on a functional ELISA.

### Reconstitution & Storage

Add 200 µl PBS to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 12 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months).

Aliquot reconstituted protein to avoid repeated freezing / thawing

### ORDER INFORMATION

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