

## Active Recombinant Human ST2 protein, Fc-tagged

Cat. No. ST2-1620H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ST2 protein(Phe14-Glu343), fused with Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	14-343 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Human IL-1 beta, premium grade at 10 µg/mL (100 µL/well) can bind Human IL-1 RII, Fc Tag with a linear range of 8-63 ng/mL.
<b>Molecular Mass</b>	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 63.9 kDa. The protein migrates as 70-85 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Phe14-Glu343
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage**

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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