Active Recombinant Human ST2 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ST2 protein(Phe14-Glu343), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	14-343 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Phe14-Glu343
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>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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