Active Recombinant Human ST2 protein, Fc-tagged

Cat. No. ST2-1623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ST2 protein(Lys19-Pro323), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-323 a.a.
Form	Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5.
Bio-activity	Immobilized Human IL-1RL1, Fc Tag at 5 μg/mL (100 μL/well) can bind Human IL-33, His Tag with a linear range of 5-40 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 61.0 kDa. The protein migrates as 80-100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Lys19-Pro323
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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