

Human ST2 protein, His tag (active)

Cat. No. GTX67161-pro

Applications	Functional Assay
Species	Human

Package
10 µg

Applications

Application Note

Measured by its ability to inhibit proliferation using D10.G4.1 mouse helper T cells. The ED₅₀ for this effect is less or equal to 10 ng/ml with IL-33.

Observed MW (kDa) 40-57 kDa.

Properties

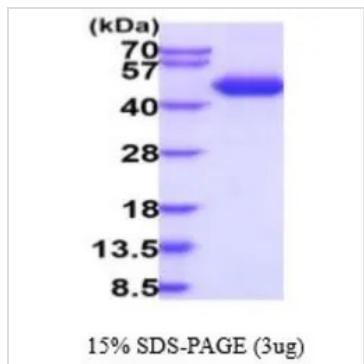
Form	Liquid
Buffer	PBS, 10% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Region/Sequence	C-terminal His-Tag; Length: 318 a.a. Sequence: KFSKQSWGLE NEALIVRCPR QGKPSYTVWD YYSQTNKSIP TQERNRNFAS GQLLKFLPAA VADSGIYTCI VRSPTFNRTG YANVTIYKKQ SDCNVPDYLM YSTVSGSEKN SKIYCPPTIDL YNWTAPELWF KNCQALQGSR YRAHKSLVI DNVMTEDAGD YTCKFIHNEN GANYSVTATR SFTVKDEQGF SLFPVIGAPA QNEIKEVEIG KNANLTCSCA FGKGTQFLAA VLWQLNGTKI TDFGEPRIQQ EEGQNQSFN GLACLDMVLR IADVKEEDLL LQYDCLALNL HGLRRHTVRL SRKNPIDHHS LEHHHHHH
Expression System	Baculovirus
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
Conjugation	Unconjugated
Note	For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.



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DATA IMAGES

**GTX67161-pro Image**

3 µg of GTX67161-pro Human ST2 protein (active) by SDS-PAGE under reducing condition and visualized by coomassie blue stain



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