

## PRODUCT INFORMATION

<b>Target</b>	ST2
<b>Synonyms</b>	T1, St2, DER4, Ly84, ST2L, Fit-1, T1/ST2, St2-rs1
<b>Description</b>	Recombinant mouse ST2 protein with C-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P14719
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-10×His tag
<b>Molecular Characterization</b>	Mouse ST2(Ser27-Arg332) 10×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 36.5 kDa after removal of the signal peptide.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	Enables interleukin-33 binding activity. Involved in several processes, including macrophage differentiation; positive regulation of macrophage activation; and regulation of cytokine production. Acts upstream of or within response to wounding. Located in external side of plasma membrane. Is expressed in several structures, including alimentary system; immune system; musculoskeletal system; skin; and visual system. Human ortholog(s) of this gene implicated in asthma and coronary artery disease. Orthologous to human IL1RL1 (interleukin 1 receptor like 1). [provided by Alliance of Genome Resources, Jul 2025]
<b>Usage</b>	Research use only



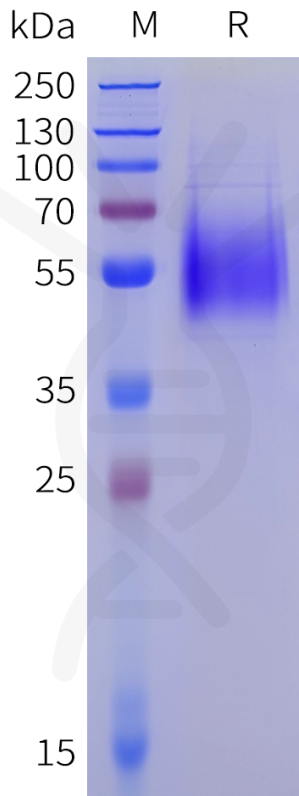


Figure 1. Mouse ST2 Protein, His Tag on SDS-PAGE under reducing condition.

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