

PRODUCT INFORMATION

Target	ST2
Synonyms	T1, St2, DER4, Ly84, ST2L, Fit-1, T1/ST2, St2-rs1
Description	Recombinant mouse ST2 protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P14719
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	Mouse ST2(Ser27-Arg332) 10×His tag
Molecular Weight	The protein has a predicted molecular mass of 36.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only



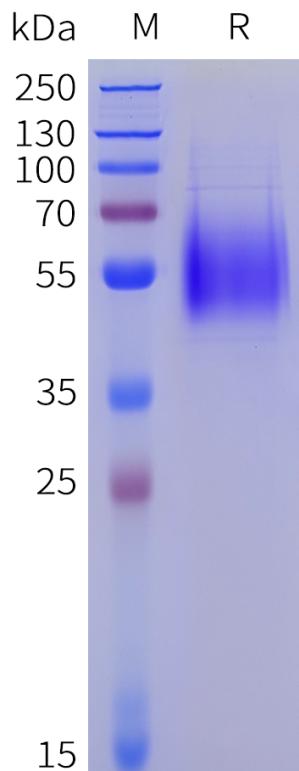


Figure 1. Mouse ST2 Protein, His Tag on SDS-PAGE under reducing condition.

