
ST2

Human, Recombinant, *E. coli*

Cat. No.: RCP9386

Size: 10µg

Synonym: Interleukin-1 Receptor-like 1; IL1R1; Homolog of mouse growth stimulation expressed gene; Homolog of mouse ST2

Description: The ST2 gene is a member of the IL-1 receptor family, encoding a transmembrane protein with a structure similar to IL-1R1. A soluble form of the protein (ST2) is produced from the same gene by alternative splicing and is reported to be expressed in several cell types including fibroblasts and mast cells. Soluble ST2 has been reported to act as a negative regulator of Th2 cytokine production and elevated levels have been reported in several disease states and conditions including asthma, sepsis and myocardial infarction

RANDOX recombinant ST2 comprises a 310 amino acid fragment (19-328) corresponding to the soluble ST2 coding sequence and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.

References: Trajkovic V *et al.*, (2004) Cytokine Growth Factor Rev.15(2-3): 87-95.