
SPECIFICATION SHEET

Product Name: sST2 Antigen **Catalog #:** L4C01501

Description: Human recombinant Soluble ST2(sST2) (40kDa)

Introduction: ST2, also known as IL-1 R4 and T1, is an Interleukin-1 receptor family glycoprotein that contributes to Th2 immune responses (1, 2). Soluble ST2(sST2) is a member of the interleukin 1(IL-1) receptor family existing in blood. And it has been already confirmed to have capacity of capturing IL-33, inhibiting IL-33/ST2 signal transferring, and rise significantly in mechanical overloading cardiac cells. As a result, soluble ST2 can be detected in the blood when heart failure or chronical heart failure exacerbation, or heart muscle can not expand and contract because of cicatrization caused by AMI.

Source: E.coli

Purification: Affinity purified.

Concentration & Lot: 1.1mg/ml **Lot:** L20201101

Buffer: 10mMpbs、PH=7.4, 1mm EDTA,0.1% SKL,0.2%NaN3

Preservative: 0.2%NaN3

Applications: Suitable for use as a standard in immunoassay, immunogen for antisera production, and tracer for iodination. Each laboratory should determine an optimum working titer for use in its particular application.

Storage&Shelf life: Store at 2~8°C for 3 years. Avoid multiple freeze/thaw cycles.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.