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**SPECIFICATION SHEET**

**Product Name:** ST2 Antigen **Catalog #:** L4C01501

**Description:** Human recombinant ST2 (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:** 1.4mg/ml **Lot:** L170401

**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 -20°C for 3 years. Avoid multiple freeze/thaw cycles.

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