

Recombinant Mouse Il1rl1, Fc-tagged

Cat. No. Il1rl1-515M Lot. No. (See product label)

SPECIFICATION

Product Overview A DNA sequence encoding the mouse ST2 (NP_001020773.1) (Met1-Arg332) was expressed with the Fc region of human IgG1 at the C-terminus.

Species Mouse

Source Human Cells

ProteinLength Met1-Arg332

Form Lyophilized from sterile PBS, pH7.4.

Molecular Mass The recombinant mouse ST2 comprises 544 amino acids and has a predicted molecular mass of 61.8 kDa. The apparent molecular mass of the protein is approximately 93.2 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Endotoxin < 1.0 eu per µg of the protein as determined by the LAL method.

Purity >90 % as determined by SDS-PAGE

Stability Samples are stable for up to twelve months from date of receipt at -70°C

Storage Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name [Il1rl1 interleukin 1 receptor-like 1 \[Mus musculus \]](#)

Official Symbol [Il1rl1](#)

Synonyms IL1RL1; interleukin 1 receptor-like 1; interleukin-1 receptor-like 1; T1; protein T1; lymphocyte antigen 84; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1;

Gene ID [17082](#)

mRNA Refseq [NM_001025602](#)

Protein Refseq [NP_001020773](#)

Function interleukin-1 receptor activity; interleukin-33 binding; interleukin-33 receptor activity; receptor activity; transmembrane signaling receptor activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA