

Recombinant Human ST2 (C-6His)

Catalog # EPT263

Expression Host Human Cells

DESCRIPTION Recombinant Human Interleukin-1 Receptor-like 1 is

produced by our Mammalian expression system and

the target gene encoding Lys19-Phe328 is expressed

with a 6His tag at the C-terminus.

Accession Q01638-2

Synonyms Interleukin-1 receptor-like 1;Protein ST2;DER4; ST2; T1

Mol Mass 36 KDa

AP Mol Mass 50-85 KDa, reducing conditions

Purity Greater than 95% as determined by reducing

SDS-PAGE.

Endotoxin Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

FORMULATION Lyophilized from a 0.2 µm filtered solution of 20mM

PB, 150mM NaCl, pH 7.4.

RECONSTITUTION Always centrifuge tubes before opening.Do not mix by

vortex or pipetting.



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It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

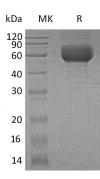
BACKGROUND

Interleukin 1 receptor-like 1(IL1RL1) is a member of the interleukin-1 receptor family, Contains 3 Ig-like C2-type domains and 1 TIR domain. It is highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. IL1RL1 is a receptor for interleukin-33, its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation MAPK3/ERK1 and/or of





MAPK1/ERK2, MAPK14, and MAPK8. IL1RL1 may possibly be involved in helper T-cell function. Soluble IL1RL1 also acts as a negative regulator of Th2 cytokine production, it directly implicated in the progression of cardiac disease.



SDS-PAGE



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