

Recombinant Human IL-1RL1

Catalog No: CI84

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.
Source	Human Cells
Alternative name	Interleukin-1 receptor-like 1; Protein ST2; DER4; ST2; T1
Accession No.	Q01638-2
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Quality Control	Purity: Greater than 90% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
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.
Amino Acid Sequence	KFSKQSWGLENEALIVRCPRQGKPSYTVDWYYSQTNKSIPTQERNRVFASGQLLKFLPAAVADSGIYTC IVRSPTFNRTGYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPITDLYNWTAPLEWFKNCQALQG SRYRAHKSLVIDNVMTEDAGDYTCFIHNENGANYSVTATRSFTVKDEQGFSLFPVIGAPAQNEIKEVE IGKNANLTCSACFGKGTQFLAAVLWQLNGTKITDFGEPRIQQEEGQNQSFSNGLACLDMVLRIADVKEE DLLLQYDCLALNLHGLRRHTVRLSRKNPSKECFVDHHHHHH
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 of MAPK3/ERK1 and/or 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

