



[Go to Product page](#)

Datasheet for ABIN6253430
IL1RL1 Protein (AA 27-342) (Fc Tag)

Overview

Quantity:	50 µg
Target:	IL1RL1
Protein Characteristics:	AA 27-342
Origin:	Mouse
Source:	CHO Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL1RL1 protein is labelled with Fc Tag.

Product Details

Purpose:	IL-33R (mouse):Fc (mouse) (rec.)
Specificity:	The extracellular domain of mouse IL-33R [ST2] (aa 27-342) is fused to the N-terminus of the Fc region of mouse IgG2a.
Characteristics:	Protein. The extracellular domain of mouse IL-33R [ST2] (aa 27-342) is fused to the N-terminus of the Fc region of mouse IgG2a. Source: CHO cells. Endotoxin content: <0.06EU/µg protein (LAL test, Lonza). Lyophilized from 0.2µm-filtered solution in PBS. Purity: >98 % (SDS-PAGE). Receptor for interleukin-33 (IL-33). Its stimulation recruits MYD88, IRAK1, IRAK4 and TRAF6 followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14 and MAPK8 by similarity. Possibly involved in helper T cell function.
Purity:	>98 % (SDS-PAGE)
Endotoxin Level:	<0.06EU/µg protein (LAL test, Lonza).
Biological Activity Comment:	Measured by its ability to bind recombinant mouse IL-33 in a functional ELISA.

Target Details

Target:	IL1RL1
Alternative Name:	IL-33R (IL1RL1 Products)
Background:	Alternate Names/Synonyms: Interleukin-33 Receptor, IL1RL1, DER4, ST2 Product Description: Receptor for interleukin-33 (IL-33). Its stimulation recruits MYD88, IRAK1, IRAK4 and TRAF6 followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14 and MAPK8 by similarity. Possibly involved in helper T cell function.
NCBI Accession:	NP_001020773

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized from 0.2µm-filtered solution in PBS.
Handling Advice:	Avoid freeze/thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Use & Stability: Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.