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Datasheet for ABIN7534424 IL1RL1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL1RL1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1RL1 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human IL1RL1/ST2 Protein
Sequence:	KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP TQERNRVFAS GQLLKFLPAA VADSGIYTCI VRSPTFNRTG YANVTIYKKQ SDCNVPDYLM YSTVSGSEKN SKIYCPTIDL YNWTAPLEWF KNCQALQGSR YRAHKSFLVI DNMVTEADAGD YTCKFIHNEN GANYSVTATR SFTVKDEQGF SLFPVIGAPA QNEIKEVEIG KNANLTC SAC FGKGTQFLAA VLWQLNGTKI TDFGEPRIQQ EEGQNQSFSN GLACLDMLVR IADVKEEDLL LQYDCLALNL HGLRRHTVRL SRKNPSKECF
Specificity:	Lys19-Phe328
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL33 at

Product Details

10 µg/mL (100 µL/well) can bind Recombinant Human ST2 with a linear range of 1.41-5.64 µg/mL.

Target Details

Target:	IL1RL1
Alternative Name:	IL1RL1/ST2 (IL1RL1 Products)
Background:	IL1RL1,DER4,FIT-1,IL33R,ST2,ST2L,ST2V,T1
Gene ID:	9173
UniProt:	Q01638-2

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C,-80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.