



HUMAN SOLUBLE INTERLEUKIN-1 RECEPTOR-LIKE 1 (IL-1RL1)/ST2 RECOMBINANT

Product Information

Code	00120-09-10
Name	Soluble IL1RL1/ST2 (Human) Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Lys19-Phe328
Protein ID	NP_003847.2
Gene ID	NM_003856.3
MW	55-60 KD (Reduce)
Tag	His Tag
Source	Human cells
Purity	>95% in SDS- PAGE gel PBS lyophilized
Formulation	Form without preservatives
Carry	0.1% BSA
Storage	-20 °C ~ -70 °C
Reconstitution	100 µl

Description

A DNA sequence encoding the soluble form of human IL1RL1 isoform 2 (Lys19-Phe328) was expressed on human HEK293 cells and fused with a polyhistidine tag on its C-terminus. The recombinant human soluble IL1RL1 isoform 2 has a predicted molecular mass of 36.5 kDa. As a result of glycosylation, it migrates as an approximately 55-60 kDa band in SDS-PAGE under reduce conditions.

Formulation

Lyophilized 10 µg of human soluble IL1RL1/ST2 in 50 µl of PBS contains 0.1% BSA

Reconstitution & Storage

Add 50 µl TBS, pH 8.0 to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (12 months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: human Soluble IL-1RL1/ST2 (Lys19-Phe328)

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

Bioactivity:

Measured by its binding ability in a functional ELISA. Immobilized human IL33 at 1 µg/well can bind biotinylated human IL1RL1 with a linear range of 0.2-7.6 µg/ml.

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