

Recombinant human ST2/IL1RL1 protein

Catalog Number: ATGP3397

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

19-328aa

UniProt No.

Q01638

NCBI Accession No.

NP_057316

Alternative Names

Interleukin-1 receptor-like 1, Protein ST2, homolog of mouse growth stimulation-expressed, DER4, T1, FIT-1, ST2L, ST2V, IL33R

PRODUCT SPECIFICATION

Molecular Weight

36 kDa (318aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

IL1RL1, as known as interleukin-1 receptor-like 1 isoform 1, is and interleukin-1 receptor family glycoprotein that contributes to immune responses. As an important mediator involved in many immune and inflammatory responses, this cytokine has been implicated as a regulator of both the development and effector phases of type

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2 helper T cell responses, and as a negative feedback modulator of macrophage pro-inflammatory function. Recombinant human IL1RL1, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP TQERNRVFAS GQLLKFLPAA VADSGIYTCI VRSPTFNRTG
YANVTIYKKQ SDCNVDPDYL YSTVSGSEKN SKIYCPTIDL YNWTAPLEWF KNCQALQGSR YRAHKSFLVI DNVMTEDAGD
YTCKFIHNEN GANYSVTATR SFTVKDEQGF SLFPVIGAPA QNEIKEVEIG KNANLTCSAC FGKGTQFLAA VLWQLNGTKI
TDFGEPRIQQ EEGQNQSFSN GLACLDMLVR IADVKEEDLL LQYDCLALNL HGLRRHTVRL SRKNPIDHHS <LEHHHHHH>

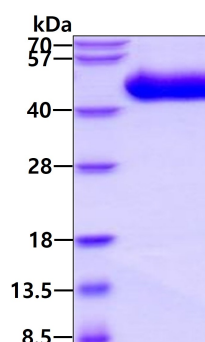
General References

Yu XX., et al. (2015) Dig. Dis. Sci. 60:1265-1272.

Rolland T., et al. (2014) Int. J. Mol. Sci. 15:23227-23239.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.