

IL1RL1, 19-328aa, Human, His-tag, Baculovirus

Cat.NO.: TP02626

3th Edition

Synonyms: Interleukin-1 receptor-like 1 isoform 1, IL1RL1, DER4, FIT-1, IL33R, ST2, ST2L, ST2V, T1, DER-4, DER4, FIT 1, Growth stimulation expressed homolog of mouse growth stimulation-expressed Il1rl1.

Description: IL1RL1, as known as interleukin-1 receptor-like 1 isoform 1, is an 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 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.

Form: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol

Molecular Weight: 36kDa (318aa), 40-57kDa (SDS-PAGE under reducing conditions.)

Sequences:

KFSKQSWGLENEALIVRCPRQGKPSYTVDWYYSQTNKSIPTQERNRVFASGQLLKFLPAAVADSGIYTCIVRSPTFN
RTGYANVTIYKKQSDCNVPDYLMYSTVSGSEKNSKIYCPTIDLYNWTAPLEWFKNCQALQGSRYRAHKSFLVIDNV
MTEDAGDYTCFKFIHNENGANYSVTATRSFTVKDEQGFSLPVIGAPAQNEIKEVEIGKNANLTCSACFGKGTQFLAA
VLWQLNGTKITDFGEPRIQQEEGQNSFSNGLACLDMVLRIADVKEEDLLLQYDCLALNLHGLRRHTVRLSRKNPID
HHSLEHHHHHH

Purity: > 95% by HPLC

Concentration: 0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.