

IL1RN, 27-178aa, Mouse, His tag, E.coli

Cat.NO.: TP02627

3th Edition

Synonyms:Interleukin 1 receptor antagonist, F630041P17Rik, IL-1ra.

Description:Interleukin 1 receptor antagonist (IL1RN), also known as IL1-RA, is a member of the interleukin 1 cytokine family. IL1RN may represent a reservoir of IL-1 inhibitors, released upon cell death, whose function is to limit the pro-inflammatory signals but most prominently by mononuclear phagocytes and keratinocytes. IL1RN is reported to be associated with increased risk of osteoporotic fractures and gastric cancer.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol

Molecular Weight:20.0 kDa (177aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMRPSGKRPCKMQAFRIWDTNQKTFYLRNNQLIAGYLQGPNIKLEEKIDMV
PIDLHSVFLGIHGGKLCLSCAKSGDDIKLQLEEVNITDLSKNKEEDKRFTFIRSEKGPTTSFESAACPGWFLCTTLEA
DRPVSLTNTPEEPLIVTKFYFQEDQ

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

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.