
Product Data Sheet

Product Name: IL 1RA Mouse, His
 Cat. No.: GP20464
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IRAP; IL1F3; IL1RA; IL-1ra3; ICIL-1RA; IL1RN; IL1 inhibitor; IL-1ra; F630041P17Rik.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGS HMRPSGK RPCKMQAFRI WDTNQTFFYL RNNQLIAGYL QGPNIKLEEK IDMVPIDLHS VFLGIHGGKL CLSCAKSGDD IKLQLEEVNI TDLSKNKEED KRFTFIRSEK GPTTSFESAA CPGWFLCTTL EADRPVSLTN TPEEPLIVTK FYFQEDQ.		
Formulation	The IL-1RA solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol.		

Introduction

Interleukin-1 ra is a member of the interleukin 1 cytokine family. This protein inhibits the activities of interleukin 1, alpha (IL1A) and interleukin 1, beta (IL1B), and modulates a variety of interleukin 1 related immune and inflammatory responses. This gene and five other closely related cytokine genes form a gene cluster spanning approximately 400 kb on chromosome 2. A polymorphism of this gene is reported to be associated with increased risk of osteoporotic fractures and gastric cancer. Four alternatively spliced transcript variants encoding distinct isoforms have been reported.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

IL-1RA mouse Recombinant produced E. coli is a single polypeptide chain containing 177 amino acids (27-178) and having a molecular mass of 20kDa. IL-1RA is fused to a 25

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA