

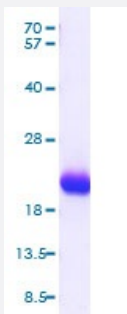
Bioactive

## Il1rn (Mouse) Recombinant Protein

Catalog # P6973

Size 100 ug

### Applications



### Result of bioactivity analysis

Result of bioactivity analysis

Il1rn (Mouse) Recombinant Protein (Cat # P6973) inhibits Mouse IL-1 alpha induced cell proliferation in the D10.G4.1 mouse helper T cell. The ED50 range is less or equal to 60 ng/mL.

### Specification

Product Description	Mouse Il1rn (NP_001034790, 27 a.a. - 178 a.a.) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	20
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method).

Activity	Measured by the ability to inhibit proliferation using D10.G4.1 mouse helper T cells. The ED <sub>50</sub> for this effect is less or equal to 60 ng/mL with Mouse IL-1 alpha.
Quality Control Testing	3 ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	Bioactivity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis Il1rn (Mouse) Recombinant Protein (Cat # P6973) inhibits Mouse IL-1 alpha induced cell proliferation in the D10.G4.1 mouse helper T cell. The ED50 range is less or equal to 60 ng/mL.

## Applications

- SDS-PAGE

## Gene Info — Il1rn

Entrez GeneID	<a href="#">16181</a>
Protein Accession#	<a href="#">NP_001034790</a>
Gene Name	Il1rn
Gene Alias	F630041P17Rik, IL-1ra
Gene Description	interleukin 1 receptor antagonist
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTMUSP00000012801 OTTMUSP00000012802