# Human IL-1R8/IL1RAPL1 (His Tag) recombinant protein

Catalog Number: 501066



## **General Information**

# Gene Name Synonym

Oligophrenin-4; Three immunoglobulin domaincontaining IL-1 receptor-related 2; X-linked interleukin-1 receptor accessory protein-like 1

#### **Protein Construction**

A DNA sequence encoding the human IL1R8 (NP\_055086.1) extracellular domain (Met 1-Leu 354) was expressed with a C-terminal polyhistidine tag.

### **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

#### **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Leu 19

#### **Molecular Mass**

The recombinant human IL1R8 consists of 347 amino acids and has a predicted molecular mass of 40 kDa. As a result of glycosylation, the apparent molecular mass of rh IL1R8 is approximately 50-55 kDa in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

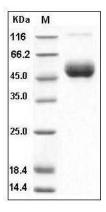
# **Storage**

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Human IL-1R8 / IL1RAPL1 Protein (His Tag) SDS-PAGE