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Datasheet for ABIN7538339

IL11RA Protein (AA 26-367) (His tag)

1 Image

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | IL11RA |
| Protein Characteristics: | AA 26-367 |
| Origin: | Mouse |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This IL11RA protein is labelled with His tag. |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant mouse IL11RA protein with C-terminal 6xHis tag |
| Specificity: | Mouse IL11RA (Cys26-Gln367) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|---|
| Target: | IL11RA |
| Alternative Name: | IL11RA (IL11RA Products) |
| Background: | Enables interleukin-11 binding activity and interleukin-11 receptor activity. Acts upstream of or |

Target Details

within several processes, including cytokine-mediated signaling pathway, decidualization, and natural killer cell differentiation. Predicted to be located in extracellular region and membrane. Predicted to be integral component of membrane. Predicted to be part of receptor complex. Predicted to be active in external side of plasma membrane. Is expressed in several structures, including alimentary system, cranial suture, genitourinary system, immune system, and musculature. Orthologous to human IL11RA (interleukin 11 receptor subunit alpha). [provided by Alliance of Genome Resources, Apr 2022]

Molecular Weight: predicted molecular mass of 38.3 kDa after removal of the signal peptide. The apparent molecular mass of mL11RA-His is 35-55 kDa due to glycosylation.

UniProt: [Q64385](#)

Pathways: [JAK-STAT Signaling, Growth Factor Binding](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse IL11RA Protein, His Tag on SDS-PAGE under reducing condition.