MOUSE IL11RA PROTEIN, HIS TAG

: 12210

: Mouse IL11RA Protein

: 10 μg, 50 μg and 100 μg

: NR1;GP130;Il11ra1;Il-11ra;Il11ra2

Target: IL11RA

UNIPROT ID: Q64385

: Recombinant mouse IL11RA protein with C-terminal 6xHis tag

: Enables interleukin-11 binding activity and interleukin-11 receptor activity. Acts upstream of or 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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 38.3 kDa after removal of the signal peptide. The apparent molecular mass of mIL11RA-His is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: Mouse IL11RA(Cys26-Gln367) 6×His tag

:: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

: 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.
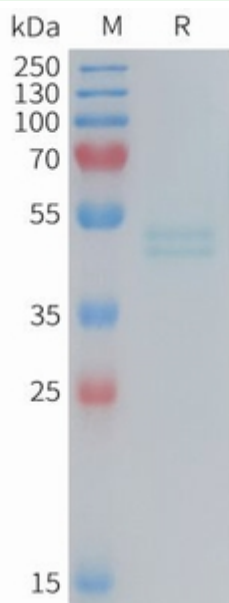
Product Description

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