PRODUCT INFORMATION

Target	IL11RA
Synonyms	NR1;GP130;Il11ra1;Il-11ra;Il11ra2
Description	Recombinant mouse IL11RA protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q64385
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse IL11RA(Cys26-Gln367) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

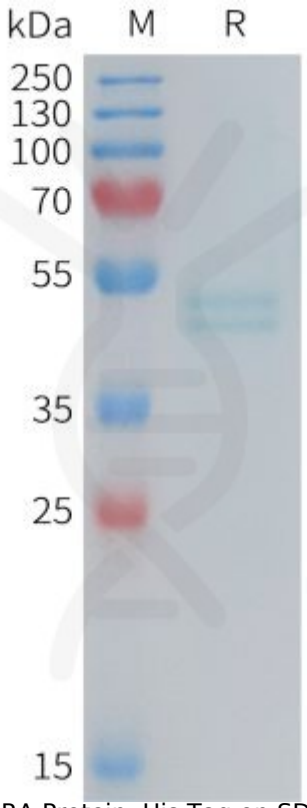

Figure 1. Mouse IL11RA Protein, His Tag on SDS-PAGE under reducing condition.