

MOUSE IL17RA PROTEIN, HIS TAG

Cat.#: 12176

Product Name: Mouse IL17RA Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: IL-17RA;CD217

Target: IL17RA

UNIPROT ID: Q60943

Description: Recombinant mouse IL17RA protein with C-terminal 6xHis tag

Background: Receptor for IL17A (PubMed:17911633, PubMed:20554964, PubMed:8777726). Receptor for IL17F (PubMed:17911633, PubMed:20554964). Binds to IL17A with higher affinity than to IL17F (PubMed:17911633). Binds IL17A and IL17F homodimers as part of a heterodimeric complex with IL17RC (By similarity). Also binds heterodimers formed by IL17A and IL17F as part of a heterodimeric complex with IL17RC (By similarity). Receptor for IL17C as part of a heterodimeric complex with IL17RE (PubMed:21993848, PubMed:21993849, PubMed:21982598). Activation of IL17RA leads to induction of expression of inflammatory chemokines and cytokines such as CXCL1, CXCL8/IL8 and IL6 (By similarity).[UniProtKB/Swiss-Prot Function]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 34.1kDa after removal of the signal peptide. The apparent molecular mass of mIL17RA-His is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: Mouse IL17RA(Ser32-Trp322) 6×His tag

Purity: 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.

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.

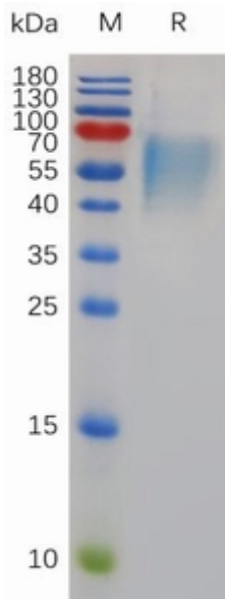


Figure 1. Mouse IL17RA Protein, His Tag on SDS-PAGE under reducing condition.