

## PRODUCT INFORMATION

<b>Target</b>	IL17RA
<b>Synonyms</b>	IL-17RA;CD217
<b>Description</b>	Recombinant mouse IL17RA protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q60943
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	Mouse IL17RA(Ser32-Trp322) 6×His tag
<b>Molecular Weight</b>	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.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	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.
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	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]
<b>Usage</b>	Research use only



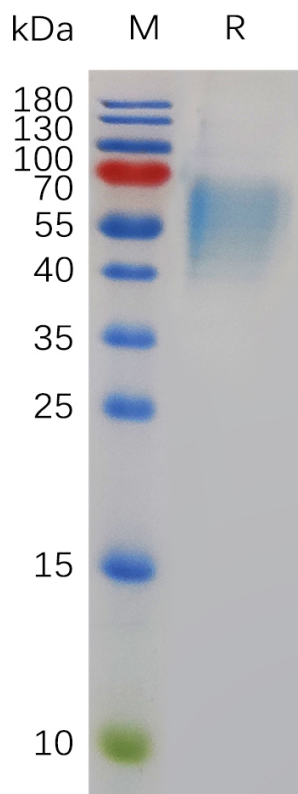


Figure 1. Mouse IL17RA Protein, His Tag on SDS-PAGE under reducing condition.

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