

Datasheet for ABIN7491057
IL17RA Protein (AA 32-322) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	IL17RA
Protein Characteristics:	AA 32-322
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IL17RA protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse IL17RA protein with C-terminal 6xHis tag
Specificity:	Mouse IL17RA (Ser32-Trp322) 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:	IL17RA
Alternative Name:	IL17RA (IL17RA Products)
Background:	Receptor for IL17A (PubMed:17911633, PubMed:20554964, PubMed:8777726). Receptor for

Target Details

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]

Molecular Weight: predicted molecular mass of 34.1kDa after removal of the signal peptide. The apparent molecular mass of mL17RA-His is 55-70 kDa due to glycosylation.

UniProt: [Q60943](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Restrictions: For Research Use only

Handling

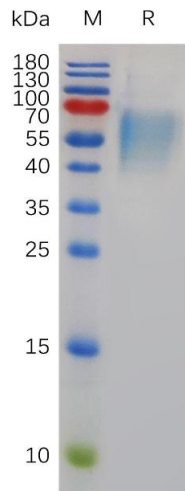
Format: Lyophilized

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