

IL-17 RD
Catalog # PVGS1450**Specification**

IL-17 RD - Product Information

Primary Accession [Q8JZL1-1](#)
Species
Mouse

Sequence
Gly28-Arg299

Purity
> 95% as analyzed by SDS-PAGE
> 95% as analyzed by HPLC

Endotoxin Level
< 0.2 EU/ µg of protein by gel clotting method

Biological Activity
ED₅₀ < 5.0 µg /ml, measured in a cell proliferation assay using wt MEF cells.

Expression System
CHO

Formulation **Lyophilized from a 0.2 µm filtered solution in PBS.**

Reconstitution
It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O or PBS up to 100 µg/ml.

Storage & Stability
Upon receiving, this product remains stable for up to 6 months at lower than -70°C. Upon reconstitution, the product should be stable for up to 1 week at 4°C or up to 3 months at -20°C. For long term storage it is recommended that a carrier protein (example 0.1% BSA) be added. Avoid repeated freeze-thaw cycles.

IL-17 RD - Additional Information

Target Background
Interleukin-17 receptor D (IL-17RD) , also known as similar expression to the fibroblast growth factor receptor (SEF), is a member of the interleukin-17 receptor family. Studies indicate that IL-17RD interacts with IL-17R to facilitate IL-17 signaling. Additionally, IL-17RD may play an important role in preventing certain types of cancer. Studies suggest that IL-17D acts as a feedback inhibitor of fibroblast growth factor-mediated MAPK signaling and ERK activation. Studies indicate that IL-17D can bind to MEK/ERK complexes preventing nuclear ERK translocation and subsequent cell proliferation.

IL-17 RD - Protein Information

IL-17 RD - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-17 RD - Images