![TZYBIO logo]

Recombinant Interleukin 22 Receptor (IL22R)

Catalog No.： **TP10148** **100μg**

Sequence Information

Species： Mouse

Gene ID:230828

Swiss Prot:Q80XZ4

Synonyms:IL22RA1; CRF2-9; ZcytoR11;

Interleukin 22 Receptor,Alpha 1;

Cytokine receptor class-II member 9

Residues: Pro258-Cys552

PVPPNSLNVQRVLTFQPLRFIQEHVLIPVLDLSGPSSLPQPIQYSQVVVSGPRE

PPGAVWRQSLSDLTYVGQSDVSILQPTNVPAQQTLSPPSYAPKAVPEVQPPSYA

PQVASDAKALFYSPQQGMKTRPATYDPQDILDSCPASYAVCVEDSGKDSTPGIL

STPKYLKTKGQLQEDTLVRSCLPGDLSLQKVTSLGEGETQRPKSLPSPLGFCTD

RGPDLHTLRSEEPETPRYLKGALSLLSSVQIEGHPVSLPLHVHSVSCSPSDEGP

SPWGLLDSLVCPKDEGPAVETEAMC

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His Tag

Subcellular Location: Membrane; Single-pass type I membrane protein.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 35.4kDa

Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH$_2$O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

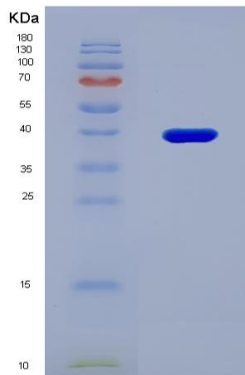   Store at 2-8°C for one month.

      Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

PGPFSSLFVQRVLTFQPLRFIQESVLIPVLDLSGPSSLPQPIQYSQVVVSGPREPPGAVVRQSLSDLTVVGQSDVSJIQPTSVPAQQTLSPPSYAF

Figure 1. Gene Sequencing (Extract)

Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.