

Catalog Number: 230-10145-100

Recombinant Human Interleukin-21 receptor/IL-21R, transfected HEK293 cell lysate**Source**

Species	Human
Accession Number	Q9HBE5
Gene Symbol	IL21R
Gene ID	50615
Expressed Region	Cys20-Glu232
Synonyms	Interleukin-21 receptor, IL-21 receptor, IL-21R, Novel interleukin receptor, CD360, NILR, Novel Interleukin Receptor

Preparation

Expression System	Human Embryonic Kidney 293 Cells
Tag	N-terminal 6x histidine tag
Purification	Unpurified overexpression cell lysate
Molecular Weight	Recombinant protein has a calculated molecular mass of 25. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).

Protein Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.2 um filtered solution in PBS containing mammalian cell protease inhibitor cocktail
Concentration	Determined by BCA protein assay kit (Thermo Scientific)
Preservative	None
Endotoxin Level	Not determined
Recommended Applications	Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair screening), ELISA, EIA, dot blotting, immunoprecipitation (IP), protein array, protein functional assay, protein-protein interaction, post-translational modifications, etc.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water or 1x PBS.

Shipping

Ice packs. Including one vial of HEK293 cell lysate transfected with empty expression vector.

Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.

This product is furnished for LABORATORY RESEARCH USE ONLY.

Not for diagnostic or therapeutic use.