

# Recombinant Human IL4R Protein (257-465 aa), 6\*His-tagged

## Product Information

<b>Cat</b>	IMP-6550
<b>Official Symbol</b>	IL4R
<b>Product Overview</b>	Recombinant Human IL4R Protein (257-465 aa encoded by NM_000418) with 6*His tag was expressed in <i>E. coli</i> , PET28a.
<b>Expression System</b>	<i>E. coli</i>
<b>Species</b>	Human
<b>Tag</b>	6*His
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>Protein length</b>	257-465
<b>AA Sequence</b>	MKIKKEWWDQIPNPARSRLVAIIIQDAQGSQWEKRSRGQEPACPHWKN CLTKLLPCFLEHNMKRDEDPHKAAKEMPFQSGKSAWCPVEISKTVLWP ESISVVRVCVELFEAPVECEEEEEVEEEKGSFCASPESSRDDFQEGREGIV ARLTESLFLDLLGEENGGFCCQDMGESCLLPSPSGSTSAHMPWDEFPSA GPKEAPPWGKEQPL
<b>Endotoxin</b>	Please contact the lab for more information. Note: Remove endotoxin and sterilization is required for cell assay.
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Applications</b>	Blocking peptide
<b>Storage</b>	The product is shipped at ambient temperature. Store for up to 12 months at -20 to -80 centigrade as lyophilized powder. Storage of Reconstituted Protein: Short-term storage: Store at 2-8 centigrade for (1-2 weeks). Long-term storage: Aliquot and store at -20 to -80 centigrade for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µL in 200 µL sterile water for short-term storage. Reconstitution with 200 µL 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides

*of the vial to ensure full recovery of the protein into solution.*