

## HUMAN IL23R PROTEIN, HIS TAG

**Cat.#:** 11911

**Product Name:** Human IL23R Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** IL-23 receptor;IL-23R

**Target:** IL23R

**UNIPROT ID:** Q5VWK5

**Description:** Recombinant Human IL23R Protein with C-terminal 6xHis tag

**Background:** The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 37.4 kDa after removal of the signal peptide.

**Molecular Characterization:** IL23R(Val36-Asp353) 6×His tag

**Purity:** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** 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.



Figure 1. Human IL23R Protein, His Tag on SDS-PAGE under reducing condition.