## PRODUCT INFORMATION

| Target | IL23R |
| :---: | :---: |
| Synonyms | IL-23 receptor;IL-23R |
| Description | Recombinant Human IL23R Protein with Cterminal $6 \times$ His tag |
| Delivery | In Stock |
| Uniprot ID | Q5VWK5 |
| Expression Host | HEK293 |
| Tag | C-6x His Tag |
| Molecular Characterization | IL23R(Val36-Asp353) $6 \times$ His tag |
| Molecular Weight | The protein has a predicted molecular mass of 37.4 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than $85 \%$ as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation \& Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 \% - $8 \%$ trehalose is added as protectants before Iyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. Store at $-20^{\circ} \mathrm{C}$ to $-80^{\circ} \mathrm{C}$ for 12 months in lyophilized form. After reconstitution, if not |
| Storage \& Shipping | intended for use within a month, aliquot and store at $-80^{\circ} \mathrm{C}$ (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
|  | 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 |
| Background | 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] |
| Usage | Research use only |


| kDa | M | $R$ |
| :--- | :--- | :--- | :--- |
| 250 | $=$ |  |
| 130 |  |  |
| 100 |  |  |
| 70 |  |  |
| 55 |  |  |
|  |  |  |
| 35 |  |  |
| 25 |  |  |

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

