

Active Recombinant Human IL23R protein, hFc-tagged

Cat. No. IL23R-2400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL23R protein(Met1-Asp353) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-353 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	Measured by its binding ability in a functional ELISA. 1. Immobilized human IL23A-His+IL12B-His at 10 µg/ml (100 µl/well) can bind human IL23R-Fc. The EC50 of human IL23R-Fc is 0.28-0.66 µg/ml. 2. Immobilized mouse IL12Bh (m)+mIL23Ah at 10 µg/ml (100 µl/well) can bind human IL23R-Fc. The EC50 of human IL23R-Fc is 0.14-0.35 µg/ml.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	(45+17.3+30.1) % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	IL23R interleukin 23 receptor [Homo sapiens]
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Official Symbol	IL23R
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Synonyms	IL23R; interleukin 23 receptor; interleukin-23 receptor; IL 23R; IL-23 receptor;
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Gene ID	149233
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mRNA Refseq	NM_144701
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Protein Refseq	NP_653302
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MIM	607562
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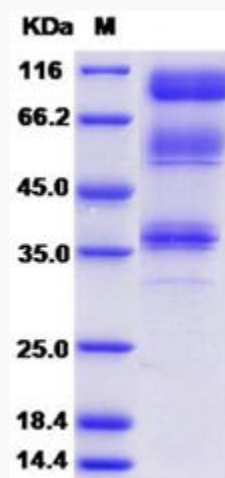
UniProt ID	Q5VWK5
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SDS-PAGE



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