

## Interleukin-23 Human Recombinant

<b>Item Number</b>	rAP-0486
<b>Synonyms</b>	Interleukin 23 alpha subunit p19, Interleukin-12 subunit beta p40, SGRF, IL23P19, IL-23-A, interleukin-six, G-CSF related factor, JKA3 induced upon T-cell activation, interleukin 12B (natural killer cell stimulatory factor 2 cytotoxic lymphocyte maturatio
<b>Description</b>	IL-23 Human Recombinant produced in HEK cells is a 55kDa heterodimeric protein composed of 2 disulfide-linked subunits - 19kDa (p19) and 43 kDa (p40).&nbsp;
<b>Uniprot Accesion Number</b>	Q9NPF7
<b>Amino Acid Sequence</b>	
<b>Source</b>	HEK.
<b>Physical Appearance and Stability</b>	IL-23 if supplied as a sterile filtered White lyophilized (freeze-dried) powder. Lyophilized Interleukin-23 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-23 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	IL-23 was lyophilized from a 0.1µm filtered solution (1.05mg/ml) containing 1xPBS. Greater than 95.0% as determined by analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized IL23 in sterile 1xPBS containing 0.1% endotoxin-free recombinant HSA.
<b>Biological Activity</b>	The activity, as determined by the dose dependent secretion of IL-17 in response to IL-23 using murine splenocytes, the ED50 is 1.9ng/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**