

Human IL 23 Recombinant Protein



RPPB0643

Product Information Protein Information

Product SKU:

RPPB0643

Accession:

Q9NPF7

Host:

HEK.

Protein description:

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).

Appearance:

IL-23 if supplied as a sterile filtered White lyophilized (freeze-dried) powder.

Synonyms:

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 maturation factor 2 p40), NK cell stimulatory factor chain 2, Cytotoxic lymphocyte maturation factor 40 kDa subunit, CLMF2, CLMF p40.

Formulation:

IL-23 was lyophilized from a 0.1µm filtered solution (1.05mg/ml) containing 1xPBS.

Purity:

Greater than 95.0% as determined by analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized IL23 in sterile 1xPBS containing 0.1% endotoxin-free recombinant HSA.

Stability:

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.

Biological Activity:

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.