

Recombinant Human IL-23

Catalog Number : mly05001

Characteristics:

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| Source | Chinese Hamster Ovary cell line |
| Description | Recombinant human IL-23 is composed of P40 (Ile23-Ser328) and P19 (Arg23-Pro189) subunits, which linked by GS-linker (GSGSSRGGSGSGGSGGGSKL) Accession # P29460(P40), AAG37232(P19) |
| Predicted molecular mass | 55.0 kDa (IL-23 single chain); 36.5 kDa (p40) & 18.5 kDa (p19) |

Specification:

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| Appearance | White powder, Colorless clear liquid after reconstitution |
| Purity | ≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining) |
| Endotoxin | ≤10 EU/mg by the LAL method |
| Activity | Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED ₅₀ for this effect is <0.5 µg/mL. |
| Formulation | Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4 |
| Size | 50 µg/vial, 1 mg/vial |

Handling and Storage:

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| Reconstitution | It is recommended to redissolve in sterile deionized water. |
| Shipping | The product is shipped with blue ice. |
| Storage & Stability | 36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |