Active Recombinant Human IL23A&IL12B protein

Cat. No. IL23A&IL12B-3675H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL23A&IL12B protein(23-328 aa & 21-189 aa) was expressed in Sf 21 insect cell.
Species	Human
Source	Sf 21 insect cell
ProteinLength	23-328 aa & 21-189 aa
Form	Lyophilized from 0.2 μm filtered concentrated sterile solution in 20 mM MES, pH 6.0, 500 mM NaCl and 1 mM EDTA.
Bio-activity	Measured by its ability to induce IL-17 secretion by mouse splenocytes. The ED50 for this effect is 0.05-0.3 ng/mL.
Molecular Mass	Apparent molecular mass of 65 kDa, 43-45 kDa and 20 kDa in SDS-PAGE under reducing conditions.
Endotoxin	Less than 1.0 EU/μg of rHuIL-23 as determined by LAL method.
Purity	> 95 % by SDS-PAGE analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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	reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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