

Active Recombinant Mouse Il23a Protein

Cat. No. Il23a-3515M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse interleukin 23, alpha subunit p19 (Il23a) without tag was expressed in Sf9.
Species	Mouse
Source	Sf9 Cells
Description	Low expression observed in reference dataset
Bio-activity	The ED50 is 0.5 - 0.8 ng/mL, corresponding to a specific activity of $1.25\text{-}2.0 \times 10^6$ units/mg, determined by mouse splenocytes IL-17A secretion induced by mIL-23 in a dose dependent manner. Under this assay, the bioactivity is equivalent
Molecular Mass	55.4 kDa
Endotoxin	Less than 0.01 ng/μg protein as determined by the LAL method
Purity	> 95%, as determined by Coomassie stained SDS-PAGE.
Stability	Unopened vial can be stored between 2 and 8 centigrade for up to 2 weeks, at -20 centigrade for up to 6 months, or at -70 centigrade or below until the expiration date. Aliquots can be stored between 2 and 8 centigrade for up to one week and stored at -20 centigrade or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
Storage	Store at -80 centigrade.

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Concentration Protein formulated and vialled at >50 µg/mL in specified buffer

Storage Buffer 1 x PBS

GENE INFORMATION

Gene Name IL23a interleukin 23, alpha subunit p19 [*Mus musculus* (house mouse)]

Official Symbol IL23a

Synonyms IL23a; interleukin 23, alpha subunit p19; p1; IL-; p19; IL-23; interleukin-23 subunit alpha; IL-23 subunit alpha; IL-23-A; IL-23p19; interleukin-23 subunit p19

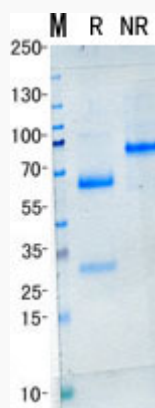
Gene ID 83430

mRNA Refseq NM_031252

Protein Refseq NP_112542

UniProt ID Q9EQ14

SDS-PAGE



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