

Active Recombinant Human IL23 / IL23A & IL12B Heterodimer Protein, Tag free, Low Endotoxin

Cat. No. IL23A&IL12B-333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL23 /IL23A & IL12B Heterodimer Protein(P29460(P40), AAG37232(P19))(P40(Ile23-Ser328) and P19 (Arg23-Pro189)) was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	23-328 aa & 23-189 aa
Form	Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Bio-activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is 0.5 µg/mL.
Molecular Mass	75.2 kDa
AASequence	VPDKTVRWCAVSEHEATKCQSFRDHMKSVIPSDGPSVACVKKASYLDCIRAIANEADAVTL DAGLVYDAYLAPNNLKPVVAEFYGSKEDPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTGLGRSAGWNIPIGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTDFPQLCQLCPGCGCSTLNQYFGYSGAFKCLKDGAGDVAFVKHSTIFENLANKADRDQYELCLDNTRKPVDEYKDCHLAQVPSHTVVARSMG/VAIL GKEDLIWELLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKDSAHGFLKVPPrMDAKMYLGYEYVTAIRNLREGTCP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

EAPTDECKPVKWCALSHHERLKCDEWSVNSVGKIECVSAETTEDCIAKIMNGEADA
MSLDGGFVYIAGKCGLPVLAENYNKSDNCEDTPEAGYFAIAVVKKSSASDLTWDNL
KGKKSCHTAVGRTAGWNIPMG/VAIL LLYNKINHCRFDEFFSEGCAPGSKKDSSLCK
LCMG/VAIL SGLNLCEPNNKEGYGYTGAFRCLVEKGDVAFVKHQTVPQNTGGKNP
DPWAKNLNEKDYELLCLDGTRKPVVEYANCHLARAPNHAVVTRKDKEACVHKILRQ
QQHLFGSNVTDCSGNFCLFRSETKDLLFRDDTVCLAKLHDRNTYEKYLGEELYVKAV
GNLRKCSTSSLLEACTFRFP

Endotoxin ≤10 EU/mg by the LAL method

Purity ≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

Storage 36 months at 2°C to 8°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.

Reconstitution It is recommended to redissolve in sterile deionized water.

GENE INFORMATION

Gene Name IL23A interleukin 23, alpha subunit p19 [Homo sapiens]

Official Symbol IL23A

Synonyms IL23A; interleukin 23, alpha subunit p19; interleukin-23 subunit alpha; IL 23; IL 23A; IL23P19; interleukin six; G CSF related factor; P19; SGRF; IL-23-A; IL-23p19; IL-23 subunit alpha; interleukin 23 p19 subunit; interleukin-23 subunit p19; JKA3 induced upon T-cell activation; interleukin-six, G-CSF related factor; IL-23; IL-23A; MGC79388;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene ID 51561

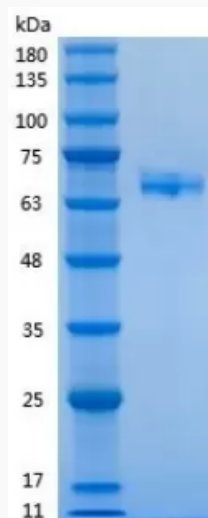
mRNA Refseq NM_016584

Protein Refseq NP_057668

MIM 605580

UniProt ID Q9NPF7

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA