

Interleukin 23 (IL23) Recombinant Protein | IL23 recombinant protein

Recombinant Interleukin 23 (IL23)

CATALOG # AAA133967	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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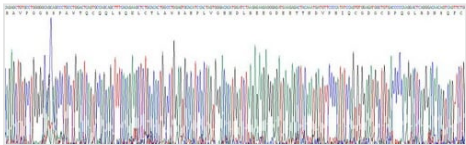
PRODUCT SYNONYMS

Interleukin 23 (IL23); Recombinant Interleukin 23 (IL23); IL23 recombinant protein

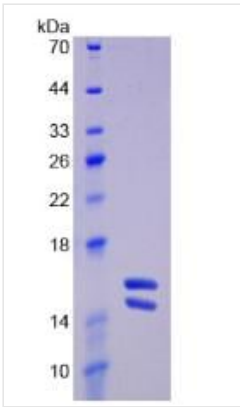
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH 8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-RA VPGGSSPAWT QCQQLSQKLC TLAWSAHPLV GHMDLREEGD EETTNDVPHI QCGDGC DPQG LRDNSQFCLQ RIHQGLIFYE KLLGSDIFTG EPSLLPDSPV GQLHASLLGL SLLQPEGHH WETQQIPSL SPSQPWQRLL RFLKRLSLQA FVAVARVFA HGAATLSP
Sequence Length	189
Applicable Applications for IL23 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg20~Pro189 (Accession # Q9NPF7) with N-terminal His-Tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Predicted Isoelectric Point	6.1
Accurate Molecular Mass	15 & 16kDa as determined by SDS-PAGE reducing conditions.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

Sequence

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      R AVPGGSSPAW TQCQLSQKL CTLAWSAHPL
VGHMDLREEG DEETTNDVPH IQCGDGDGPQ GLRDNSQFCL QRIHQGLIFY
EKLLGSDIFT GEPSLLPDSP VGQLHASLLG LSQLLQPEGH HWETQQIPSL
SPSQPWQRLL LRFKILRSLQ AFAVAARVF AHGAATLSP

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NCBI AND UNIPROT INFORMATION

NCBI GI #	7706702
NCBI GeneID	51561
NCBI Accession #	NP_057668.1
NCBI GenBank Nucleotide #	NM_016584.2
UniProt Accession #	Q9NPF7; Q6NZ80; Q6NZ82; Q9H2A5
Molecular Weight	20.2kDa
NCBI Official Full Name	interleukin-23 subunit alpha
NCBI Official Synonym Full Names	interleukin 23, alpha subunit p19
NCBI Official Symbol	IL23A
NCBI Official Synonym Symbols	P19; SGRF; IL-23; IL-23A; IL23P19
NCBI Protein Information	interleukin-23 subunit alpha; 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
UniProt Protein Name	Interleukin-23 subunit alpha
UniProt Gene Name	IL23A
UniProt Synonym Gene Names	SGRF; IL-23 subunit alpha; IL-23-A; IL-23p19
UniProt Entry Name	IL23A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.