

EPX262Hu61 100µg

Eukaryotic Interleukin 23 (IL23)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Eukaryotic expression

Host: sf21

Residues: Ile23~Ser328+GSGSSRGGSGSGSGGGGSKL+Arg20~Pro189

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.1

Predicted Molecular Mass: 58.5kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

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                                IWELKKDV YVELDWYPD APGEMVVLTC
DTPEEDGITW TLDQSSEVLG SGKTLTIQVK EFGDAGQYTC HGGGEVLSHS
LLLLHKKEDG IWSTDILKDQ KEPKNKFLR CEAKNYSGRF TCWLTIST
DLTFSVKSSR GSSDPQVTC GAATLSAERV RGDNKEYEYS VECQEDSACP
AAEESLPIEV MVDVHKLKY ENYTSSFFIR DIIKPPPKN LQLKPLKNSR
QVEVSWEYPD TWSTPHSYFS LTFCVQVQK SKREKKDRVF TDKTSATVIC
RKNASISVRA QDRYSSWS EWASVPCSGS GSSRGGSGSG GSGGGGSKL
                                R AVPGGSSPAW TQCQLSQKL CTLAWSAHPL
VGHMDLREEG DEETTNDVPH IQCGDGDQPQ GLRDNSQFCL QRIHQGLIFY
EKLLGSDIFT GEPSELLPDSV VGQLHASLLG LSQLLQPEGH HWETQQIPSL
SPSQPWQRL LRFKILRSLQ AFVAVAARVF AHGAATLSP

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[IDENTIFICATION]



Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.