

**EPX161Ge61 100µg**

**Eukaryotic Taq Polymerase (Taq)**

**Organism Species: *Pan-species (General)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Eukaryotic expression

**Host:** CHO Cell

**Residues:** Gly279~Glu832

**Tags:** N-terminal His Tag

**Subcellular Location:** Secreted

**Purity:** > 95%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 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:** 64.0kDa

**Accurate Molecular Mass:** 64kDa 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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                                GS LLHEFGLLES PKALEEAPWP
PPEGAFVGFV LSRKEPMWAD LLALAAARGG RVHRAPEPYK ALRDLKEARG
LLAKDLSVLA LREGLGLPPG DDPMLLAYLL DPSNTTPEGV ARRYGGEWTE
EAGERAAELSE RLFANLWGRL EGEERLLWLY REVERPLSAV LAHMEATGVR
LDVAYLRALS LEVAEEIARL EAEVFRLAGH PFNLNSRDQL ERVLFDELGL
PAIGKTEKTG KRSTSAAVLE ALREAHPIVE KILQYRELTG LKSTYIDPLP
DLIHPRTGRL HTRFNQTATA TGRLSSSDPN LQNIPVRTPL GQRIRRAFIA
EEGWLLVALD YSQIELRVLA HLSGDENLIR VFQEGRDIHT ETASWMFGVP
REAVDPLMRR AAKTINFGVL YGMSAHRSLQ ELAIPYEEAQ AFIERYFQSF
PKVRAWIEKT LEEGRRRRGYV ETLFGRRRYV PDLEARVKSV REAAERMAFN
MPVQGTADL MKLAMVKLFP RLEEMGARM LQVHDELVLE APKERAEAVA
RLAKEVMGV YPLAVPLEVE VGIGEDWLSA KE

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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.