# Recombinant Xeroderma Pigmentosum, Complementation Group A (XPA) Instruction Manual

# SIPE311Hu01

### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationNucleusPredicted Molecular Mass59.6kDa

Accurate Molecular Mass 60kDa(Analysis of differences refer to the manual)

Residues & Tags Ser23~Glu271 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 90% Isoelectric Point 7.1

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

# **SEQUENCE**

SVRASIER KRQRALMLRQ ARLAARPYSA
TAAAATGGMA NVKAAPKIID TGGGFILEEE EEEEQKIGKV VHQPGPVMEF
DYVICEECGK EFMDSYLMNH FDLPTCDNCR DADDKHKLIT KTEAKQEYLL
KDCDLEKREP PLKFIVKKNP HHSQWGDMKL YLKLQIVKRS LEVWGSQEAL
EEAKEVROEN REKMKOKKFD KKVKELRRAV RSSVWKRETI VHOHEYGPEE

NLEDDMYRKT CTMCGHELTY E

#### USAGE

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

#### **STORAGE**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

# **STABILITY**

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.

# **Image**

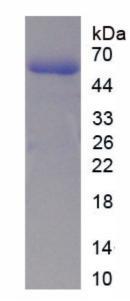


Figure. SDS-PAGE

# [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.