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## G 组着色性干皮病偶联因子(XPG)重组蛋白

适用生物 Homo sapiens (Human , 人)  
产品应用 SDS-PAGE; WB; ELISA; IP. 规格 50ug  
分子量 28.8kDa 价格 请咨询当地代理商  
纯度 > 95%  
来源 原核表达

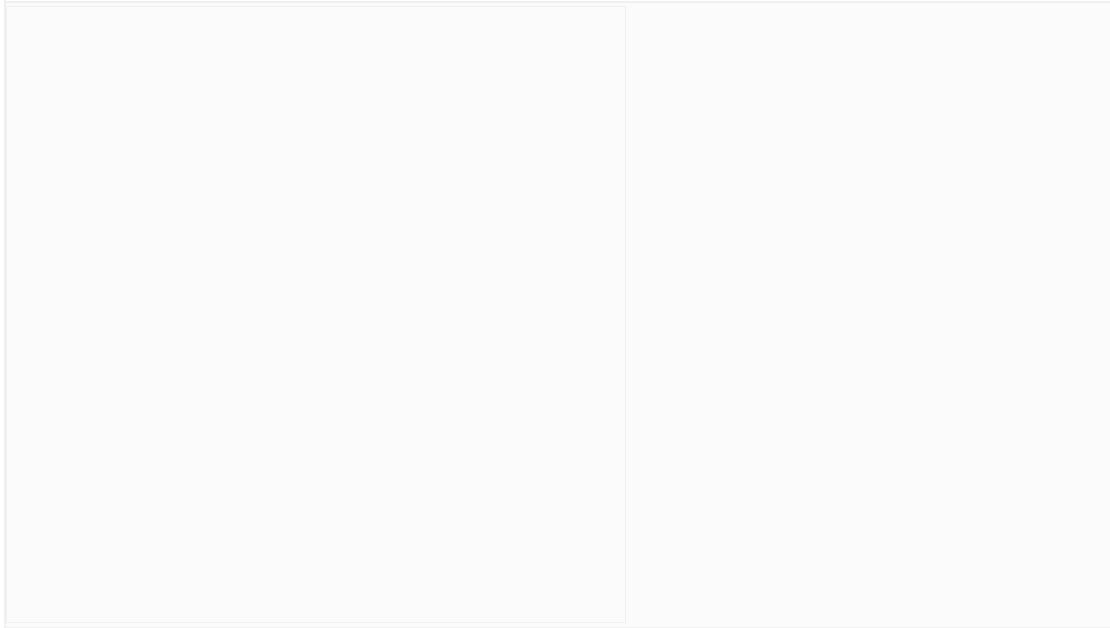
## Recombinant Xeroderma Pigmentosum, Complementation Group G (XPG)

FOR IN VITRO AND RESEARCH USE ONLY, NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES!

Organism species	Homo sapiens (Human)
Product No.	YBB871Hu01
Source	Prokaryotic expression
Host	E. coli
Purity	> 95%
UOM	50ug
Predicted Molecular Mass	28.8kDa
Predicted isoelectric point	6.9
Applications	SDS-PAGE; WB; ELISA; IP.
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)



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Subcellular Location	Nucleus.
Residues	Leu778~Ala986 (Accession # P28715) with two N-terminal Tags, His-tag and T7-tag
Formulation	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

## SEQUENCES

The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below.

```
MGSSHHHHH SGLVPRGSH MASMTGGQM GRGSEFELRR QAC- LFG IPYIQAPMEA EAQC  
AILDLT DQTSGTITDD SDIWLFGARH VYRNFFNKNK FVEYYQYVDF HNQLGLDRNK LINLAYLLGS  
DYTEGIPTVG CVTAMEILNE FPGHGLEPLL KFSEWWHEAQ KNPKIRPNPH DTKVKKLRT LQLT  
PGFPNP AVAEAYLKPV VDDSKGSFLW GKPDLDKIRE FCQRYFGWNR TKTDES LFPV LKQLDA
```

## USAGE

Reconstitute in sterile PBS, pH7.2-pH7.4.

## 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 of the target protein. The loss



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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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

### About the MARKER (complimentary)

**Effective Size Range:** 10kDa to 70kDa.

**Protein bands:** 10kDa, 14kDa, 18kDa, 22kDa, 26kDa, 33kDa, 44kDa and 70kDa.

**Double intensity bands:** The 26kDa, 18kDa, 10kDa bands are at double intensity to make location and size approximation of proteins of interest quick and easy.

**Ready-to-use:** No need to heat, dilute or add reducing agents before use.