YBD013Hu01 100μg

Recombinant X-Ray Repair Cross Complementing 5 (XRCC5)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Val2~Ser460

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P13010

Host: *E. coli*

Subcellular Location: Nucleus.

Purity: >90%

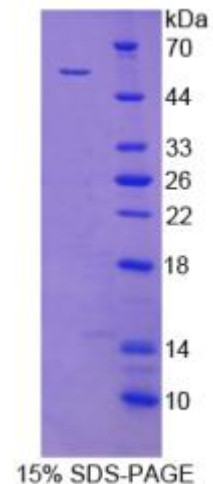**Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).**

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 5.6

Predicted Molecular Mass: 55.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

15% SDS-PAGE

[USAGE]

TEL:4006-871-227
Web:www.ybio.net
Email:shybio@126.com
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 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.

[SEQUENCES]

The sequence of the target protein is listed below.

VRSGNKAAV VLCMDVGFTM SNSIPGIESP FEQAKKVITM FVQRQVFAEN KDEIALVLFG
TDGTDNPLSG GDQYQNITVH RHLMLPDFDL LEDIESKIQP GSQQADFLDA LIVSMDVIQH
ETIGKKFEKR HIEIFTDLSS RFSKSQLDII IHSLKKCDIS LQFFLPFSLG KEDGSGDRGD
GPFRLGGHGP SFPLKGITEQ QKEGLEIVKM VMISLEGEDG LDEIYSFSES LRKLCVFKKI
ERHSIHWPCR LTIGSNLSIR IAAYKSILQE RVKKTWTVVD AKTLKKEDIQ KETVYCLNDD
DETEVLKEDI IQGFRYGSDI VPFSKVDEEQ MKYKSEGKCF SVLGFCKSSQ VQRRFFMGNQ
VLKVFAARDD EAAAVALSSL IHALDDLDMV AIVRYAYDKR ANPQVGVAFP HIKHNYECLV
YVQLPFMEDL RQYMFSSLKN SKKYAPTEAQ LNAVDALIDS