

RPE927Hu01 100µg

Recombinant Chromodomain Helicase DNA Binding Protein 8 (CHD8)

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: Prokaryotic expression

Host: *E.coli*

Residues: Leu823~Arg1288

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 8.4

Predicted Molecular Mass: 57.7kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

LFNWYNRQ NCILADEMGL GKTIQSI AFL QEVYNVG I H GPFLVIAPLS TITNWEREFN TWTEMNTIVY HGSLASRQMI Q
QYEMYCKD SRGRLIPGAY KFDALITTFE MILSDCPELR EIEWRCVIID EAHRLKNRN CKLLDSLKHM DLEHKVLLTG
TPLQNTVEEL FSLLHFLEPS QFPSESEFL KDFGDLKTEE QVQKLQAILK PMMLRRLKED VEKNLAPKQE TIEVELTN
IQKKYYRAIL EKNFSFLSKG AGHTNMPNLL NTMMELRKCC NHPYLINGA EEKILTEFRE ACHIIPHDFH LQAMVRSAGK
LVLIDKLLPK LKAGGHKVL IFSQMVRCLD ILEDYLIQRR YLYERIDGRV RGNLRQAAID RFSKPDSDR FVLLCTRAG
GLGINLTAAD TCIIIFSDWN PQNDLQAQAR CHRIGQSKA VKVYRLITRN SYEREMFDKA SLKLGLDKAV LQSMSGR

[IDENTIFICATION]

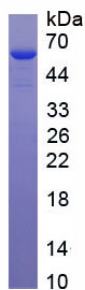


Figure. SDS-PAGE

[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.