

RPE253Ra01 1mg

Recombinant Prolyl-4-Hydroxylase Alpha Polypeptide I (P4Ha1)

Organism Species: *Rattus norvegicus* (Rat)

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: Val205~Glu534

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 400µg/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: 7.6

Predicted Molecular Mass: 41.3kDa

Accurate Molecular Mass: 44kDa 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]

VSVLDY LSYAVYQQGD LDKALLLTKK LLELDPEHQR ANGNLVYFEY
 IMSKEKDANK SASGDQSDQK TTPKKKGIAV DYLPERQKYE MLCRGEGIKM
 TPRRQKRLFC RYHDGNNRPK FILAPAKQED EWDKPRIIRF HDIISDAEIE
 IVKDLAKPRL SRATVHDPET GKLTQAQYRV SKSAWLSGYE DPVVSRLNMR
 IQDLTGLDVS TAEELQVANY GVGGQYEPHF DFARKDEPDA FRELGTGNRI
 ATWLFYMSDV SAGGATVFPE VGASVWPKKG TAVFWYNLFA SGEGDYSTRH
 AACPVLVGNK WWSNKWLHER GQEFRRPCTL SELE

[IDENTIFICATION]

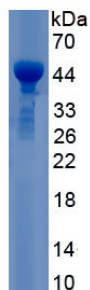


Figure. SDS-PAGE

[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.