RPD591Hu01 500µg

Recombinant Protein Tyrosine Phosphatase, Non Receptor Type 9 (PTPN9)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gln289~Gln593

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO$_3$, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 300μg/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: 8.1

Predicted Molecular Mass: 38.8kDa

Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

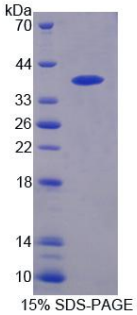
Aliquot and store at -80ºC for 12 months.

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]

QE LVDYVNARQK
QGIYEEYEDI RRENPVGTFH CSMSPGNLEK NRYGDVPCLD QTRVKLTKRS
GHTQTDYINA SFMDGYKQKN AYIGTQGPLE NTYRDFWLMV WEQKVLVIVM
TTRFEEGGRR KCGQYWPLEK DSRIRFGFLT VTNLGVENMN HYKKTTLEIH
NTEERQKRQV THFQFLSWPD YGVPSSAASL IDFLRVVRNQ QSLAVSNMGA
RSKGQCPEPP IVVHCSAGIG RTGTFCSLDI CLAQLEELGT LNVFQTVSRM
RTQRAFSIQT PEQYYFCYKA ILEFAEKEGM VSSGQNLLAV ESQ

[IDENTIFICATION]



[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.