# Recombinant Protein Tyrosine Phosphatase Receptor Type B (PTPRB) Instruction Manual

# SIPB558Mu01

### Mus musculus (Mouse)

**Source** Prokaryotic expression

**Host** E.coli

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

Subcellular LocationMembranePredicted Molecular Mass32.0kDa

**Accurate Molecular Mass** 32kDa(Analysis of differences refer to the manual)

**Residues & Tags** Gly1214~Val1463 with N-terminal His Tag

100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 1mM

**Buffer Formulation** EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 8.8

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **SEQUENCE**

GTKKENW KEKDVTEWRF QGLVPGRKYT LYVVTHSGDL SNKVTGEGRT APSPPSLLSF ADVANTSLAI TWKGPPDWTD YNDFELQWFP GDALTIFNPY SSRKSEGRIV YGLHPGRSYQ FSVKTVSGDS WKTYSKPISG SVRTKPDKIQ NLHCRPQNST AIACSWIPPD SDFDGYSIEC RKMDTQEIEF SRKLEKEKSL LNIMMLVPHK RYLVSIKVQS AGMTSEVVED STITMIDRPP QPPPHIRVNE KDV

#### USAGE

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

#### **STORAGE**

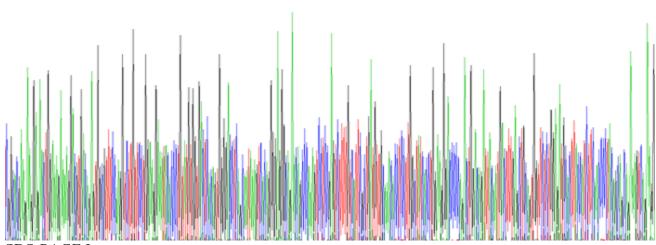
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

# **STABILITY**

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.

#### **Image**

TENGESTANDERGEREN GESTEN GESTEN GEGER TOGGESTALLEG ARGEST GOS POLICE MANTER DE ACTUELLA GEORGE STEAR DESERVANTE DE GENERAL TANDE AN ANTE LA LEVE REGEL VERGEL VERGE DE LE LEVE SE DAL TIEN PERSEKSE G



SDS-PAGE Image

# [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.