

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 Location	Membrane
Predicted Molecular Mass	32.0kDa
Accurate Molecular Mass	32kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly1214~Val1463 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM 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

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          GTKKENW KEKDVTEWRF  QGLVPGRKYT  LYVVTHSGDL
SNKVTGEGRT APSPPSLLSF  ADVANTSLAI  TWKGPPDWD  YNDFELQWFP
GDALTIFNPY  SSRKSEGRIV  YGLHPGRSYQ  FSVKTVSGDS  WKTYSKPISG
SVRTKPKDIQ  NLHCRPQNST  AIACSWIPPD  SDFDGYSIEC  RKMDTQEIEF
SRKLEKEKSL  LNIMMLVPHK  RYLVSIVQVS  AGMTSEVVED  STITMIDRPP
QPPPHIRVNE  KDV
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USAGE

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

