

Recombinant Dipeptidyl Peptidase 9 (DPP9) Instruction Manual

SIPG779Mu01

Mus musculus (Mouse)

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|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Cytoplasm |
| Predicted Molecular Mass | 70.7kDa |
| Accurate Molecular Mass | 71kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Val505~Leu862 with N-terminal His and GST 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 | > 90% |
| Isoelectric Point | 6.3 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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VNEQTK LVYFQGTKDT PLEHHLYVVS YESAGEIVRL TTLGFSHSCS
MSQSFDMFVS HYSSVSTPPC VHVKLSGPD DDPLHKQPRF WASMMEAANC
PPDYVPPEIF HFHTRADVQL YGMIYKPHTL QPGRKHPTVL FVYGGPQVQL
VNNSFKGIKY LRLNTLASLG YAVVVIDGRG SCQRGLHFEG ALKNQMGQVE
IEDQVEGLQY VAEKYGFIDL SRVAIHGWSY GGFLSLMGLI HKPQVFKVAI
AGAPVTVWMA YDTGYTERYM DVPENNQGY EAGSVALHVE KLPNEPNRLL
ILHGFLDENV HFFHTNFLVS QLIRAGKPYQ LQIYPNERHS IRCRESGEHY
EVTLLHFLQE HL
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USAGE

Reconstitute in ddH₂O 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

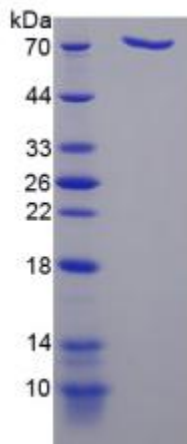


Figure. SDS-PAGE

[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.