

Recombinant Neuronal Pentraxin II (NPTX2) Instruction Manual

SIPA340Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	30.8kDa
Accurate Molecular Mass	31kDa(Analysis of differences refer to the manual)
Residues & Tags	Ile85~Ala326 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

IRELTS KLARCEGLAG
GKARGTGATG KDTMGDLPRD PGHVVEQLSR SLQTLKDRLE SLELQLHTNA
SNAGLPDFR EVLQRRGEL ERQLLRKVAE LEDEKSLLN ETSAHRQKTE
NTLNALLQRV TELERGNSAF KSPDAFKVSL PLRTNYLYGK IKKTLPELYA
FTICLWLRSS ASPGIGTPFS YAVPGQANEI VLIIEWGNNPI ELLINDKVAQ
LPLFVSDGKW HHICITWTR DGMWEA

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.