

Recombinant Tight Junction Protein 1 (TJP1) Instruction Manual

SIPC639Ra01

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	56.4kDa
Accurate Molecular Mass	70kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly23~Asp502 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	6.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                GIAISGGR DNPHFQSGET SIVISDVLKG
GPAEGQLQEN DRVAMVNGVS MDNVEHAFAV QQLRKSGKNA KITIRRKKKV
QIPVSHPPDPD PVSDNEDDSY DEDVHDPKRSV RGALANRRGE KSWARDSAS
RDRSLSPKSD RRSVASSQPA KPTKVTLVKS RKNEEYGLRL ASHIFVKEIS
QDSLAARDGN IQEGDVVLKI NGTVTENMSL TDAKTLIERS KGKLMVVQR
DERATLLNVP DLSDSIHSAN ASERDDISEI QSLASDHSVR SHDRPPRRSQ
SRSPDQRSEP SDHSTQSPQQ PSNGSLRSRE EERMSKPGAV STPVKHVDDH
TPKAVEEVTV EKHEKQTPTL PEPKPVYAQV GQPDVDLPVS PSDGVLPNST
HEDGILRPSM KLVKFRKGDS VGLRLAGGND VGIFVAGVLE DSPAAKEGLE
EGDQILRVNN VDFTNIIREE AVLFLLDLPK GEEVTILAQK KKDYYRRIVE
SD
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USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

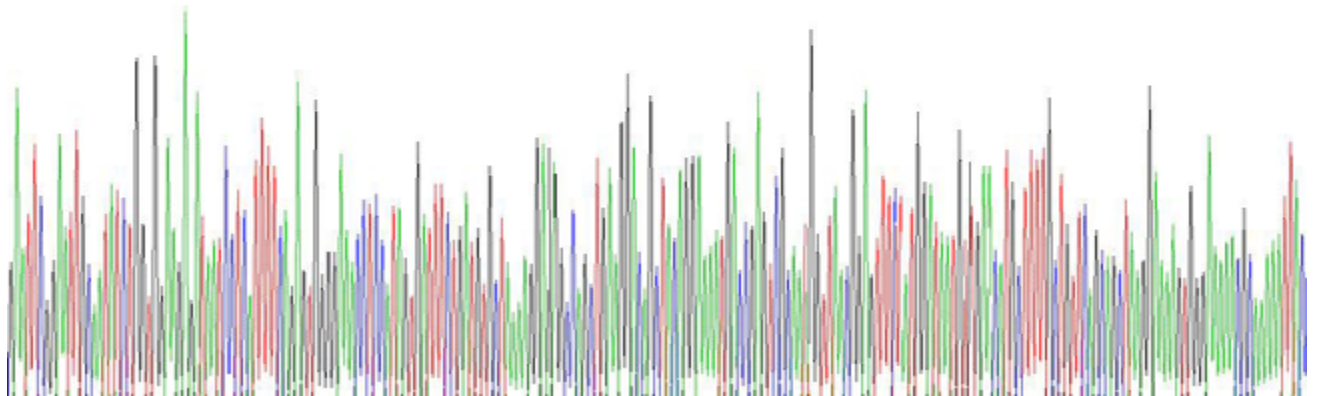
STORAGE

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



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.

