

Recombinant Plexin B1 (PLXNB1) Instruction Manual

SIPH953Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	59.7kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr200~Gly727 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	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

EETAKLAVGR LSEYSHHFVS AFARGASAYF LFLRRDLQAQ SRAFRAYVSR
VCLRDQHYYS YVELPLACEG GRYGLIQAAA VATSREVAHG EVLFAAFSSA
APPTVGRPPS AAAGASGASA LCAFPLDEVD RLANRTRDAC YTREGRAEDG
TEVAYIEYDV NSDCAQLPVD TLDAYPCGSD HTPSPMASRV PLEATPILEW
PGIQLTAVAV TMEDGHTIAF LGDSQGQLHR VYLGPGSDGH PYSTQSIQQG
SAVSRDLTFD GTFEHLVMT QSTLLKVPVA SCAQHLDGAS CLAHRDPYCG
WCVLLGRCSR RSECSRQGP EQWLWSFQPE LGCLQVAAMS PANISREETR
EVFLSVPDLP PLWPGESYSC HFGEHQSPAL LTGSGVMCPS PDPSEAPVLP
RGADYVSVSV ELRFGAVVIA KTSLSFYDCV AVTELRPSAQ CQACVSSRWG
CNMVCVQHLC THKASCDAGP MVASHQSPLV SPDPPARGGP SPSPTAPKA
LATPAPDTLP VEPGAPSTAT ASDISPG

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.