# 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**

				Y
EETAKLAVGR	LSEYSHHFVS	AFARGASAYF	LFLRRDLQAQ	SRAFRAYVSR
VCLRDQHYYS	YVELPLACEG	GRYGLIQAAA	VATSREVAHG	EVLFAAFSSA
APPTVGRPPS	AAAGASGASA	LCAFPLDEVD	RLANRTRDAC	YTREGRAEDG
TEVAYIEYDV	NSDCAQLPVD	TLDAYPCGSD	HTPSPMASRV	PLEATPILEW
<b>PGIQLTAVAV</b>	TMEDGHTIAF	LGDSQGQLHR	VYLGPGSDGH	PYSTQSIQQG
SAVSRDLTFD	GTFEHLYVMT	<b>QSTLLKVPVA</b>	SCAQHLDCAS	CLAHRDPYCG
WCVLLGRCSR	RSECSRGQGP	EQWLWSFQPE	LGCLQVAAMS	PANISREETR
EVFLSVPDLP	PLWPGESYSC	HFGEHQSPAL	LTGSGVMCPS	PDPSEAPVLP
<b>RGADYVSVSV</b>	ELRFGAVVIA	KTSLSFYDCV	AVTELRPSAQ	CQACVSSRWG
CNWCVWQHLC	THKASCDAGP	MVASHQSPLV	SPDPPARGGP	SPSPPTAPKA
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**

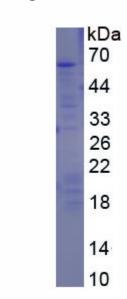


Figure. SDS-PAGE

# [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.