

# Eukaryotic Neuropilin 1 (NRP1) Instruction Manual

## SFPA624Hu61

**Homo sapiens (Human)**

<b>Source</b>	Eukaryotic expression
<b>Host</b>	293F cell
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	48.6kDa
<b>Accurate Molecular Mass</b>	60kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Cys27~Asp444 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	4.9
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
CGDT IKIESPGYLT SPGYPHSYHP  
SEKCEWLIQA PDPYQRIMIN FNPFDLEDR DCKYDYVEVF DGENENGHFR  
GKFCGKIAPP PVVSSGPFLF IKFVSDYETH GAGFSIRYEI FKRGPESQSN  
YTTPSGVIKS PGFPEKYPNS LECTYIVFVP KMSEIILEFE SFDLEPDSNP  
PGGMFCRYDR LEIWDGFPDV GPHIGRYCGQ KTPGRIRSSS GILSMVFYTD  
SAIAKEGFSA NYSVLQSSVS EDFKCMEALG MESGEIHSDQ ITASSQYSTN  
WSAERSRLNY PENGWTPGED SYREWIQVDL GLLRFVTAVG TQGAISKETK  
KKYYVKTYKI DVSSNGEDWI TIKEGNKPVL FQGNTNPTDV VVAVFPKPLI  
TRFVRIKPAT WETGISMRFE VYGCKITDYP CSGMLGMVSG LISD
```

## 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

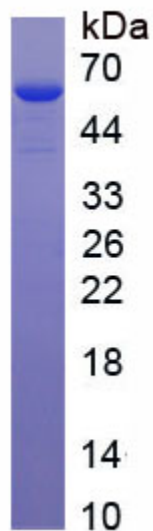


Figure. SDS-PAGE

## **[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.