

# Recombinant Chordin Like Protein 1 (CHRDL1) Instruction Manual

SIPF661Hu01

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	52.5kDa
<b>Accurate Molecular Mass</b>	53kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Glu22~Cys450 with N-terminal His Tag
<b>Buffer Formulation</b>	100mMNaHCO <sub>3</sub> , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 90%
<b>Isoelectric Point</b>	8.5
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
                EQVKHSETY CMFQDKKYRV GERWHPYLEP
YGLVYCVNCI  CSENGNVLCS RVRCPNVHCL SPVHIPHLCC PRCPDSLPPV
NNKVTSKSCE  YNGTTYQHGE  LFVAEGLFQN RQPNQCTQCS CSEGNVYCGL
KTCPKLTCAF  PVSVPDSCCR  VCRGDGELSW EHSDDGIFRQ PANREARHSY
HRSHYDPPPS  RQAGGLSRFP  GARSHRGALM DSQQASGTIV QIVINNKHKH
GQVCVSNKGT  YSHGESWHPN  LRAFGIVECV  LCTCNVTKQE  CKKIHCNRY
PCKYPQKIDG  KCCKVCPGKK  AKELPGQSFN NKGYFCGEET MPVYESVFME
DGETTRKIAL  ETERPPQVEV  HWVTIRKGIL  QHFHIEKISK  RMFEELPHFK
LVTRTTLSQW  KIFTEGEAQI  SQMCSSRVCR  TELEDLVKVL  YLERSEKGHC
```

## USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

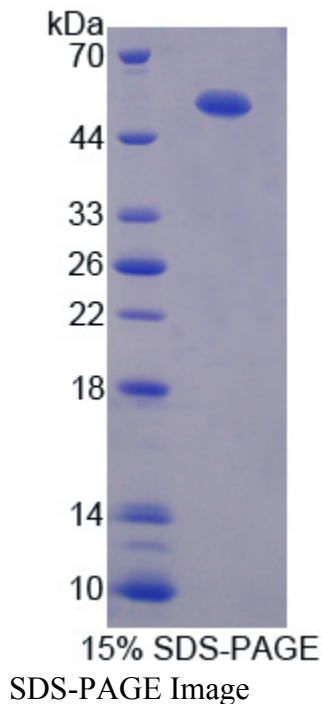
## STORAGE

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



### **[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.