

# Recombinant Sialic Acid Binding Ig Like Lectin 7 (SIGLEC7) Instruction Manual

## SIPB628Hu01

**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>	Membrane
<b>Predicted Molecular Mass</b>	43.7kDa
<b>Accurate Molecular Mass</b>	44kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Gly18~leu353 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>	6.6
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

```
          GQK  SNRKDYSLTM  QSSVTVQEGM  CVHVRCSFSY
PVDSQTDSDP  VHGYWFRAGN  DISWKAPVAT  NNPAWAVQEE  TRDRFHLLGD
PQTKNCTLSI  RDARMSDAGR  YFFRMEKGNI  KWNYKYDQLS  VNVTALTHRP
NILIPGTLES  GCFQNLTCVS  PWACEQGTPP  MISWMGTSVS  PLHPSTTRSS
VLTLPQPQH  HGTSLTCQVT  LPGAGVTTNR  TIQLNVSYP  QNLTVTVFQG
EGTASTALGN  SSSLSVLEGQ  SLRLVCAVDS  NPPARLSWTW  RSLTLYPSQP
SNPLVLELQV  HLGDEGEFTC  RAQNSLGSQH  VSLNLSLQQE  YTGKMRPVSG
VLL
```

## USAGE

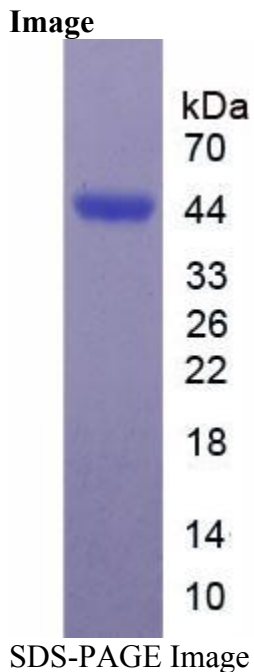
Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## 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.



## **[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.