

**RPB789Hu01 100µg**

**Recombinant Sialic Acid Binding Ig Like Lectin 7 (SIGLEC7)**

**Organism Species: Homo sapiens (Human)**

***Instruction manual***

FOR IN VITRO USE AND RESEARCH USE ONLY  
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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12th Edition (Revised in Aug, 2016)

## **[ PROPERTIES ]**

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Gly18~leu353

**Tags:** N-terminal His-Tag

**Tissue Specificity:** Liver Lung Spleen.

**Subcellular Location:** Membrane; Single-pass type I membrane protein.

**Purity:** >95%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

**Original Concentration:** 200ug/mL

**Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 6.6

**Predicted Molecular Mass:** 43.7kDa

**Accurate Molecular Mass:** 44kDa as determined by SDS-PAGE reducing conditions.

## **[ USAGE ]**

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

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** 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.

## [ SEQUENCE ]

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

## [ IDENTIFICATION ]

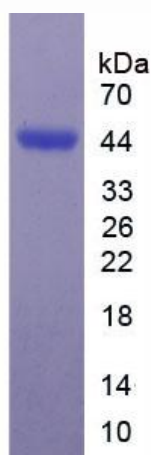


Figure 1. SDS-PAGE