

RPL924Hu01 100µg

Recombinant Semaphorin 5A (SEMA5A)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



## [PROPERTIES]

**Source:** Prokaryotic expression

Host: E.coli

Residues: Val319~Gln668

Tags: N-terminal His Tag

**Subcellular Location:** Membrane

**Purity:** > 90%

Traits: Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 7.8

Predicted Molecular Mass: 43.2kDa

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

### [USAGE]

Reconstitute in 10mM 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 ]



VC						
VFNLSAIAQA	FSGPFKYQEN	SRSAWLPYPN	PNPHFQCGTV	DQGLYVNLTE	RNLQDAQKFI	LMHEVVQPVT
TVPSFMEDNS	RFSHVAVDVV	QGREALVHII	YLATDYGTIK	KVRVPLNQTS	SSCLLEEIEL	FPERRREPIR
SLQILHSQSV	LFVGLREHVV	KIPLKRCQFY	RTRSTCIGAQ	DPYCGWDVVM	KKCTSLEESL	SMTQWEQSIS
ACPTRNLTVD	GHFGVWSPWT	PCTHTDGSAV	GSCLCRTRSC	DSPAPQCGGW	QCEGPGMEIA	NCSRNGGWTP
WTSWSPCSTT	CGIGFQVRQR	SCSNPTPRHG	GRVCVGQNRE	ERYCNEHLLC	PPHMFWTGWG	PWERCTAQ

# [IDENTIFICATION]

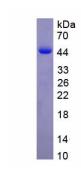


Figure. SDS-PAGE

# [ 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.