

RPL920Hu01 50µg

Recombinant Semaphorin 3E (SEMA3E)

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: Arg32~Phe516

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, 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: 6.9

Predicted Molecular Mass: 59.1kDa

Accurate Molecular Mass: 59kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

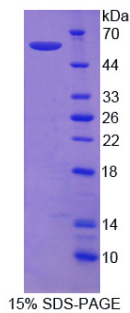
Aliquot and store at -80°C for 12 months.

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**]

			RLRLSHKEL	LNLNRTSIFH
SPFGFLDLHT	MLLDEYQERL	FVGGRDLVYS	LSLERISDGY	KEIHWPTAL
KMEECIMK GK	DAGECANYVR	VLHHYNRTHL	LTCGTGAFDP	VCAFIRVGYH
LEDPLFHLES	PRSERGRGRC	PFDPSSSFIS	TLIGSELFAG	LYSDYWSRDA
AIFRSMGRLA	HIRTEHDDER	LLKEPKFVGS	YMIPDNEDRD	DNKVYFFTE
KALEAENNAH	AIYTRVGRLC	VNDVGGQRIL	VNKWSTFLKA	RLVCSVPGMN
GIDTYFDELE	DVLLPTRDH	KNPVIFGLFN	TTSNIFRGA	ICVYHMSSIR
AAFNGPYAHK	EGPEYHWSVY	EGKVPYPRPG	SCASKVNGGR	YGTTKDYPDD
AIRFARSHPL	MYQAIKPAHK	KPILVKTDGK	YNLKQIAVDR	VEAEDGQYDV
LFIGTDNGIV	LKVITIYNQE	MESMEEVILE	ELQIFKDPVP	IISMEISSKR
QQLYIGSASA	VAQVRF			

[IDENTIFICATION]



[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.