

Recombinant Human Semaphorin 3A (SEMA3A)

Catalog No.: TP10328

50µg

Sequence Information

Species: Human

Gene ID:10371

Swiss Prot:Q14563

Synonyms:SEM3A

Residues:Lys26-Val771(Arg552Ala & Arg555Ala)

KNNVPRLKLSYKEMLESNNVITFNGLANSSSYHTFLLD EERSRLYVGAKDHIFS
FDLVNIKDFQKIVWPVSYTRRDECKWAGKDILKECANFIKVLKAYNQTHLYACG
TGAFHPICTYIEIGHHPEDNIFKLENSHFENGRGKSPYDPKLLTASLLIDGELY
SGTAADFMRDFAIFRTLGHHPHPIRTEQHDSRWLNDPKFISAHLISESDNPEDD
KVYFFFRENAIDGEHSGKATHARIGQICKNDFGGHRSVLNKWTTFLKARLICSV
PGPNGIDTHFDELQDVF LMFKDPKNPVVYG VFTTSSNIFKGSAVCMYSMSDVR
RVFLGPYAHRDGPYQWVPYQGRVPYPRPGTCPSKTFGGFDSTKDL PDDVITFA
RSHPAMYNPVFPMNRP IVIKTDVNYQFTQIVVDRVDAEDGQYDVMFIGTDVGT
VLKVSIPKETWYDLEEV LLEEMTVFREPTAISAMELSTKQQQLYIGSTAGVAQ
LPLHRCDIYGKACAECLARDPYCAWDGSACSRYP TAKRATRAQDIRNGDPLT
HCSDLHHDNHGHGSPEERIIYGVENSSTFLECS PKSQRALVYWQFQRRNEERKE
EIRVDDHIIRTDQGLLLRSLQQKDSGNYLCHAVEHGF IQTLLKVTLEVIDTEHL
EELLHKDDDGDSKTKEMSNSMTPSQKVYRDFMQLINH PNLNTMDEFCEQVWK
RDRKQRRQRP GHTPGNSNKWKHLQENKKGRNRRTHEFERAPRSV

Product Information

Source: Eukaryotic expression.

Host: 293F cell

Tags: N-terminal His and FC Tag

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 1000µg/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: 7.1

Predicted Molecular Mass: 113kDa

Accurate Molecular Mass: 113kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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.

[IDENTIFICATION]

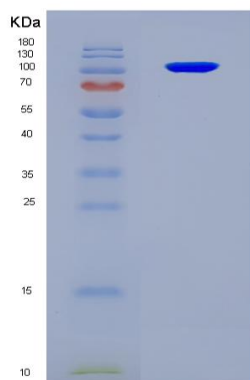


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.