

Datasheet for ABIN7590445

SEMA3A Protein (AA 21-772) (His tag)



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Overview

Quantity:	100 µg
Target:	SEMA3A
Protein Characteristics:	AA 21-772
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEMA3A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	NYANGKNNVP RLKLSYKEML ESNNVITFNG LANSSSYHTF LLDEERSRLY VGAKDHIFS NLVNIKDFQK IWWPVSYTRR DECKWAGKDI LKECANFIKV LKAYNQTHLY ACGTGAFHPI CTYIEVGHHHP EDNIFKLQDS HFENGGRGKSP YDPKLLTASL LIDGELYSGT AADFMGRDFA IFRTLGHHHHP IRTEQHDSRW LNDPRFISAH LIPESDNPED DKVYFFFREN AIDGEHSGKA THARIGQICK NDFGGHRSVL NKWTTFLKAR LICSVPGPNG IDTHFDELQD VFLMNSKDPK NPVYGVFTT SSNIFKGS AV CMYSMSDVRR VFLGPYAHRD GPNYQWVPYQ GRVPYPRPGT CPSKTGGGFD STKDLPPDDVI TFARSHPAMY NPVFPINNRP IMIKTDVNYQ FTQIVVDRVD AEDGQYDVMF IGTDVGTVLK VVSVPKETWH DLEEVLL EEM TVFREPTTIS AMELSTKQQQ LYIGSTAGVA QLPLHRCDIY GKACAECCLA RDPYCAWDGS SCSRYFPTAK RRTRRQDIRN GDPLTHCSDL QHHDNHHGHS LEERIIYGVE NSSTFLECSP KSQRALVYWQ FQRRNEDRKE EIRVGDHIIR TEQGLLLRSL QKKDSGNYLC HAVEHGMQT LLKVTLEVID TEHLEELLHK DDDGDGSKTK EMSSSMTPSQ KVWYRDFMQL INHPNLNTMD EFCEQVWKRD RKQRRQRPQH
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Product Details

SQGSSNKWKH MQESKKGRNR RTHEFERAPR SV

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: SEMA3A

Alternative Name: Semaphorin-3A (Sema3a) ([SEMA3A Products](#))

Background: Recommended name: Semaphorin-3A.
Alternative name(s): Semaphorin III.
Short name= Sema III

UniProt: [Q63548](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.