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32-9711: Recombinant Human Semaphorin-3A/SEMA3A (C-6His)

Alternative Name : Synonyms: Semaphorin III, SEMA3A, SEMAD, Hsema-I, SEMA1, SemD, Semad, coll-1 , Hsema-III, Sema III

Description

Source : Human Cells;
emaphorin-3A is a secreted protein which belongs to the semaphorin family. Semaphorins are a family of secreted and cell-bound signaling molecules defined by the presence of a common 500 aa Sema domain.This protein can function as either a chemorepulsive agent, inhibiting axonal outgrowth, or as a chemoattractive agent, stimulating the growth of apical dendrites. In both cases, the protein is vital for normal neuronal pattern development. Increased expression of this protein is associated with schizophrenia and is seen in a variety of human tumor cell lines.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM Tris 150mM NaCl 1mM EDTA 20%Glycerol, pH8.0.

Amino Acid : Recombinant Human Semaphorin 3A is produced by our Mammalian expression system and the target gene encoding Asn21-Val771(Arg552Ala, Arg555Ala) is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.