

Semaphorin-4B/SEMA4B Protein, Human (HEK293, His)

Cat. No.:	HY-P71284
Synonyms:	Semaphorin-4B; KIAA1745; SEMAC and SEMA4B
Species:	Human
Source:	HEK293
Accession:	Q9NPR2 (L44-E717)
Gene ID:	10509
Molecular Weight:	Approximately 86.0 kDa

PROPERTIES

AA Sequence

LSPRISLPLG	SEERPFLRFE	AEHISNYTAL	LLSRDGRITLY
VGAREALFAL	SSNLSFLPGG	EYQELLWGAD	AEKKQQCSFK
GKDPQRDCQN	YIKILLPLSG	SHLFTCGTAA	FSPMCTYINM
ENFTLARDEK	GNVLLEDGKG	RCPFDPNFKS	TALVVDGELY
TGTVSSFQGN	DPAISRSQSL	RPTKTESSLN	WLQDPAFVAS
AYIPESLGSL	QGDDDKIYFF	FSETGQEFEF	FENTIVSRIA
RICKGDEGGE	RVLQQRWTSF	LKAQLLC SRP	DDGFPPFNVLQ
DVFTLSPSPQ	DWRDTLFYGV	FTSQWHRGTT	EGSAVCVFTM
KDVQRVFSGL	YKEVNRETQQ	WYTVTHPVPT	PRPGACITNS
ARERKINSSL	QLPDRVLNFL	KDHFLMDGQV	RSRMLLLQPQ
ARYQRVAVHR	VPGLHHTYDV	LFLGTGDGRL	HKAVSVGPRV
HIIEELQIFS	SGQPVQNLLL	DTHRGLLYAA	SHSGVVQVPM
ANCSLYRSCG	DCLLARDPYC	AWSGSSCKHV	SLYQPQLATR
PWIQDIEGAS	AKDLCSASSV	VSPSFVPTGE	KPCEQVQFQP
NTVNTLACPL	LSNLATRLWL	RNGAPVNASA	SCHVLPTGDL
LLVGTQQLGE	FQCWSLEEGF	QQLVASYCPE	VVEDGVADQT
DEGGSVPVII	STSRVSAPAG	GKASWGADRS	YWKE

Appearance Solution.

Formulation Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Endotoxin Level <1 EU/µg, determined by LAL method.

Reconstitution N/A

Storage & Stability Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.

Shipping Shipping with dry ice.

DESCRIPTION

Background

Semaphorin-4B (SEMA4B) functions as an inhibitor, playing a crucial role in axonal extension modulation by providing localized signals that specify territories as inaccessible for growing axons.

Caution: Product has not been fully validated for medical applications. For research use only.

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