

Recombinant Human SEMA5A protein ab151658

製品の詳細

製品名	Recombinant Human SEMA5A protein
精製度	> 95 % SDS-PAGE.
エンドトキシン・レベル	< 1.000 Eu/μg
発現系	HEK 293 cells
アクセッション番号	<u>Q13591</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	EAQGTTCQCRTEHPVISYKEIGPWLREFRAKNAVDFSQLTFD PGQKELVV GARNYLFRLQLEDLSLIQAVEWECDEATKKACYSKGKSKEEC QNYIRVLL VGGDRLFTCGTNAFTPVCTNRSLSNLTEIHDQISGMARCPYS PQHNSTAL LTAGGELYAATAMDFPGRDPAIYRSLGILPPLRTAQYNSKWL NEPNFVSS YDIGNFTYFFFRENAVEHDCGKTVFSRAARVCKNDIGGRFLL EDTWTTFM KARLNCSRPGVPPFYNELQSTFFLPELDLIYGIFTTNVNSI AASAVCVF NLSAIAQAFSGPFKYQENSRSAWLPYPNPNPHFQCGTVDQGL YVNLTERN LQDAQKFILMHEVVQPVTTVPSFMEDNSRFSHVAVDVVQGRE ALVHIIYL ATDYGTIKKVRVPLNQTSSSCLLEEIELFPERRREPIRSLQI LHSQSVLF VGLREHVVKIPLKRCQFYRTRSTCIGAQDPYCGWDVVMKKCT SLEESLSM TQWEQSISACPTRNLTVDGHFVWSPWTPCTHTDGSAVGSCL CRTRSCDS PAPQCGGWQCEGPGMEIANCSRNGGWTPWTSWSPCSTTCGIG FQVRQRSC SNPTPRHGGRCVVGQNREERYCNEHLLCPPHMFWTGWGPWER

CTAQCGGG
IQARRRICENGPDCAGCNVEYQSCNTNPCPELKKTPWTPWT
PVNISDNG
GHYEQRFRYTCKARLADPNLLEVGRQRIEMRYCSDGTSGCS
TLD

領域 23 to 765
タグ His tag C-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab151658** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE
HPLC

製品の状態 Lyophilized

備考 Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
This product was previously labelled as Semaphorin 5A

前処理および保存

保存方法および安定性 Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C. Please see notes section.
pH: 7.4
Constituents: 99% Phosphate Buffer, 0.05% Tween, 0.003% EDTA, 0.88% Sodium chloride

再構成 Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

関連情報

関連性 Members of the semaphorin protein family are involved in axonal guidance during neural development. Semaphorin 5a is thought to have a bifunctional role in axon guidance, exerting both attractive and inhibitory effects on developing axons associated with limbic function. The thrombospondin repeats of Semaphorin 5a physically interact with both heparan sulfate proteoglycans and chondroitin sulfate proteoglycans, inducing attractive and inhibitory guidance cues, respectively. The biological responses to Semaphorin 5a are induced through binding to its high-affinity receptor, plexin B3, triggering intracellular signaling through Met.

細胞内局在 Membrane; single-pass type I membrane protein

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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