HuPro®

SEMA4D (Human) Recombinant Protein

Catalog # P9344 Size 20 ug

Specification

Product Description	Human SEMA4D partial recombinant protein with His tag in C-terminus expressed in HEK293 cells.
Sequence	MAFAPIPRITWEHREVHLVQFHEPDIYNYSALLLSEDKDTLYIGAREAVFAVNALNISEKQHEVYWK VSEDKKAKCAEKGKSKQTECLNYIRVLQPLSATSLYVCGTNAFQPACDHLNLTSFKFLGKNEDGK GRCPFDPAHSYTSVMVDGELYSGTSYNFLGSEPIISRNSSHSPLRTEYAIPWLNEPSFVFADVIRK SPDSPDGEDDRVYFFFTEVSVEYEFVFRVLIPRIARVCKGDQGGLRTLQKKWTSFLKARLICSRP DSGLVFNVLRDVFVLRSPGLKVPVFYALFTPQLNNVGLSAVCAYNLSTAEEVFSHGKYMQSTTVE QSHTKWVRYNGPVPKPRPGACIDSEARAANYTSSLNLPDKTLQFVKDHPLMDDSVTPIDNRPRLI KKDVNYTQIVVDRTQALDGTVYDVMFVSTDRGALHKAISLEHAVHIIEETQLFQDFEPVQTLLLSSK KGNRFVYAGSNSGVVQAPLAFCGKHGTCEDCVLARDPYCAWSPPTATCVALHQTESPSRGLIQ EMSGDASVCPDKSKGSYRQHFFKHGGTAELKCSQKSNSEKTMYLKSSDNRVDHHHHHH
Host	Human
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purification	chromatographic
Purity	> 95% as determined by SDS-PAGE.
Storage Buffer	Lyophilized from a solution containing 20 mM PB, pH 7.4, 150 mM NaCl. Reconstitute the lyophilized powder in 1XPBS to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

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Gene Info — SEMA4D

Entrez GeneID	10507
Protein Accession#	Q92854
Gene Name	SEMA4D
Gene Alias	C9orf164, CD100, FLJ33485, FLJ34282, FLJ39737, FLJ46484, M-sema-G, MGC169138, MGC169141, SEMAJ, coll-4
Gene Description	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D
Omim ID	601866
Gene Ontology	Hyperlink
Gene Summary	sema domain
Other Designations	OTTHUMP00000021622|OTTHUMP00000070035|sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, 4D|semaphorin 4D

Pathway

- Axon guidance

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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