



# Mouse PLXNA4 blocking peptide (DAG-P1039)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antigen Description</b>   | Forms a receptor complex with neuropilin-1 and can propagate semaphorin-3A elicited inhibitory signals into cells and neurons.              |
| <b>Conjugate</b>             | Unconjugated                                                                                                                                |
| <b>Applications</b>          | BL                                                                                                                                          |
| <b>Sequence Similarities</b> | Belongs to the plexin family.Contains 4 IPT/TIG domains.Contains 3 PSI domains.Contains 1 Sema domain.                                      |
| <b>Format</b>                | Liquid                                                                                                                                      |
| <b>Preservative</b>          | None                                                                                                                                        |
| <b>Storage</b>               | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request. |

## GENE INFORMATION

|                        |                                                                             |
|------------------------|-----------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">PLXNA4 plexin A4 [ Homo sapiens (human) ]</a>                   |
| <b>Official Symbol</b> | PLXNA4                                                                      |
| <b>Synonyms</b>        | PLXNA4; plexin A4; PLEXA4; PLXNA4A; PLXNA4B; FAYV2820; PRO34003; plexin-A4; |
| <b>Entrez Gene ID</b>  | <a href="#">91584</a>                                                       |
| <b>mRNA Refseq</b>     | <a href="#">NM_001105543.1</a>                                              |
| <b>Protein Refseq</b>  | <a href="#">NP_001099013.1</a>                                              |
| <b>UniProt ID</b>      | Q9HCM2                                                                      |

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|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Chromosome Location</b> | 7q32.3                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pathway</b>             | Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Other semaphorin interactions, organism-specific biosystem; SEMA3A-Plexin repulsion signaling by inhibiting Integrin adhesion, organism-specific biosystem; Sema3A PAK dependent Axon repulsion, organism-specific biosystem; Semaphorin interactions, organism-specific biosystem; |
| <b>Function</b>            | semaphorin receptor activity;                                                                                                                                                                                                                                                                                                                                                                                                               |