



# Human PLXNA3 peptide (DAG-P1038)

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

## PRODUCT INFORMATION

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| <b>Antigen Description</b> | This gene encodes a member of the plexin class of proteins. The encoded protein is a class 3 semaphorin receptor, and may be involved in cytoskeletal remodeling and as well as apoptosis. Studies of a similar gene in zebrafish suggest that it is important for axon pathfinding in the developing nervous system. This gene may be associated with tumor progression. [provided by RefSeq, Aug 2013] |
| <b>Conjugate</b>           | Unconjugated   |
| <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

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|------------------------|--|
| <b>Gene Name</b>       | <a href="#">PLXNA3 plexin A3 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b> | PLXNA3   |
| <b>Synonyms</b>        | PLXNA3; plexin A3; 6.3; PLXN3; PLXN4; XAP-6; HSSEXGENE; plexin-A3; plexin-4; semaphorin receptor SEX; Sex chromosome X transmembrane protein of HGF receptor family 3; |
| <b>Entrez Gene ID</b>  | <a href="#">55558</a>  |
| <b>mRNA Refseq</b>     | <a href="#">NM_017514.4</a>  |
| <b>Protein Refseq</b>  | <a href="#">NP_059984.3</a>  |

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|----------------------------|---|
| <b>UniProt ID</b>          | P51805  |
| <b>Chromosome Location</b> | Xq28  |
| <b>Pathway</b>             | Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; CRMPs in Sema3A signaling, organism-specific biosystem; Developmental Biology, 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>            | protein binding; semaphorin receptor activity; transmembrane signaling receptor activity;   |