

# Recombinant Human SEMA3G

Catalog No: #GP10754



Package Size: #GP10754-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

|                       |  |
|-----------------------|--|
| Product Name          | Recombinant Human SEMA3G   |
| Brief Description     | Recombinant Protein  |
| Immunogen Description | Fusion protein corresponding to C terminal 250 amino acids of human sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G |
| Target Name           | sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3G   |
| Other Names           | sem2   |
| Accession No.         | Swissprot:Q9NS98Gene Accession:BC098137  |
| Uniprot               | Q9NS98   |
| GenID                 | 56920;   |
| Storage               | -20~-80°C, pH 7.6 PBS  |

## Background

Semaphorins are a class of secreted and membrane proteins that act as axonal growth cone guidance molecules. They primarily act as short-range inhibitory signals and signal through multimeric receptor complexes. They are usually cues to deflect axons from inappropriate regions, especially important in neural system development. The major class of proteins that act as their receptors are called plexins. SEMA3G possesses anti-migration and anti-invasion ability. SEMA3G inhibited tumor cell migration and invasion, which may be obtained through cell autonomous or paracrine mechanisms, and SEMA3G is a potential target for antitumor migration and invasion.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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