

## Recombinant Human SEMA6C cell lysate

**Cat. No.** SEMA6C-1582HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                  |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                            |
| <b>Description</b>    | This gene product is a member of the semaphorin family of proteins. Semaphorins represent important molecular signals controlling multiple aspects of the cellular response that follows CNS injury, and thus may play an important role in neural regeneration. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                           |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                        |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                    |

### GENE INFORMATION

|                        |                                                                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SEMA6C sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C [ Homo sapiens ]                                                                      |
| <b>Official Symbol</b> | SEMA6C                                                                                                                                                                       |
| <b>Synonyms</b>        | SEMA6C; sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6C; semaphorin-6C; KIAA1869; m Sema Y2; sema Y; semaphorin-Y; SEMAY; m-SemaY; m-SemaY2; |

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|                            |                                                                                 |
|----------------------------|---------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 10500                                                                           |
| <b>mRNA Refseq</b>         | NM_001178061                                                                    |
| <b>Protein Refseq</b>      | NP_001171532                                                                    |
| <b>MIM</b>                 | 609294                                                                          |
| <b>UniProt ID</b>          | Q9H3T2                                                                          |
| <b>Chromosome Location</b> | 1q21.2                                                                          |
| <b>Pathway</b>             | Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; |
| <b>Function</b>            | receptor activity;                                                              |

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