

## Recombinant Mouse Slit3 protein, His/S-tagged

**Cat. No.** Slit3-36M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Slit3(Asp454~Glu498) fused with His/S tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 454-498 a.a.                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | Interleukin-6 is a potent pro-inflammatory cytokine primarily produced by activated T cells and an assortment of other cells including endothelial cells and macrophages. IL-6 affects B and T lymphocytes and has been shown to have a role in host defense, acute phase reactions, immune responses and hematopoiesis. |
| <b>Molecular Mass</b>   | 10.9kDa                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>     | SDS-PAGE, Western Blot, ELISA, Immunoprecipitation                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.                                                                                                                                         |

### GENE INFORMATION

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | Slit3 slit homolog 3 (Drosophila) [ Mus musculus ]                                                                                                                                                                               |
| <b>Official Symbol</b>     | Slit3                                                                                                                                                                                                                            |
| <b>Synonyms</b>            | SLIT3; slit homolog 3 (Drosophila); slit homolog 3 protein; slit-3; Slil2;                                                                                                                                                       |
| <b>Gene ID</b>             | 20564                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_011412                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_035542                                                                                                                                                                                                                        |
| <b>MIM</b>                 |                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>          | Q9WVB4                                                                                                                                                                                                                           |
| <b>Chromosome Location</b> | 11; 11 A5                                                                                                                                                                                                                        |
| <b>Pathway</b>             | Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Netrin-1 signaling, organism-specific biosystem; |
| <b>Function</b>            | Roundabout binding; calcium ion binding; receptor binding;                                                                                                                                                                       |

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