

Active Recombinant Mouse Slit2 Protein, His-tagged

Cat. No. Slit2-18M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Slit2(Thr1114-Ser1521) fused with C-terminal His tag was produced in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Thr1114-Ser1521
Predicted N Terminal	Thr1114
Form	Lyophilized from a 0.2 µm filtered solution in MOPS and NaCl.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Recombinant Mouse Slit2, immobilized at 625 ng/mL on a 96 well plate, is able to significantly enhance neurite outgrowth.
Molecular Mass	Predicted Molecular Mass: 45 kDa; SDS-PAGE: 53-65 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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Storage

Avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 centigrade as supplied.

1 month, 2 to 8 centigrade under sterile conditions after reconstitution.

3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 500 µg/mL in PBS.

GENE INFORMATION

Gene Name [Slit2 slit homolog 2 \(Drosophila\) \[Mus musculus \]](#)

Official Symbol [Slit2](#)

Synonyms

SLIT2; slit homolog 2 (Drosophila); slit homolog 2 protein; slit-2; neurogenic extracellular slit protein; downregulated during adipocyte differentiation-1; Slit3; Drad-1; mKIAA4141; E030015M03Rik; E130320P19Rik; KIAA4141;

Gene ID [20563](#)

mRNA Refseq [NM_178804](#)

Protein Refseq [NP_848919](#)

UniProt ID [Q9R1B9](#)

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