

Active Recombinant Human SLIT1 Protein, His-tagged

Cat. No. SLIT1-524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLIT1 (Accession # NP_003052) Met1-Gln915, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Met1-Gln915
Predicted N Terminal	Cys34
Form	Lyophilized from a 0.2 μ filtered solution in MOPS and NaCl.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons. Optimal neurite outgrowth was observed when neurons were plated on 96-well plates that had been pre-coated with 50 μ/well of Recombinant Human Slit1 at 2.5 - 10 μg/mL.
Molecular Mass	Recombinant Human SLIT1, His-tagged has a calculated MW of 98.8 kDa. In SDS-PAGE migrates as 105-125 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name	SLIT1 slit homolog 1 (Drosophila) [Homo sapiens]
Official Symbol	SLIT1
Synonyms	SLIT1; slit homolog 1 (Drosophila); SLIL1, slit (Drosophila) homolog 1; slit homolog 1 protein; MEGF4; Slit 1; slit1; SLIT3; multiple EGF-like domains protein 4; multiple epidermal growth factor-like domains protein 4; SLIL1; SLIT-1; MGC164811;
Gene ID	6585
mRNA Refseq	NM_003061
Protein Refseq	NP_003052
MIM	603742
UniProt ID	O75093
Chromosome Location	10q23.3-q24

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