

Recombinant Human SLIT1 Protein, Myc/DDK-tagged

Cat. No. SLIT1-330HL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Transient overexpression lysate of slit homolog 1 (Drosophila) (SLIT1) with a C-Myc/DDK tag was expressed in HEK293T. Components: 1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250 µL 2×SDS Sample Buffer (4% SDS, 125 mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100 mM DTT)
Species	Human
Source	HEK293
Description	Thought to act as molecular guidance cue in cellular migration, and function appears to be mediated by interaction with roundabout homolog receptors. During neural development involved in axonal navigation at the ventral midline of the neural tube and projection of axons to different regions. SLIT1 and SLIT2 together seem to be essential for midline guidance in the forebrain by acting as repulsive signal preventing inappropriate midline crossing by axons projecting from the olfactory bulb.
Molecular Mass	167.7 kDa
Stability	Avoid repeated freeze-thaw cycles. Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.

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Storage	Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein sample should be aliquoted and stored at -80 centigrade for long term storage.
Reconstitution	Lysate samples can be diluted with 2×SDS Sample Buffer provided.
Shipping	The lysate is shipped with dry ice.

GENE INFORMATION

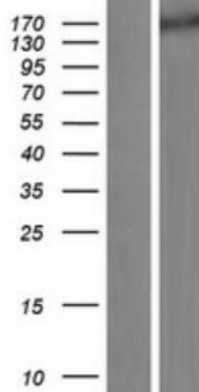
Gene Name	SLIT1 slit guidance ligand 1 [Homo sapiens (human)]
Official Symbol	SLIT1
Synonyms	SLIT1; slit guidance ligand 1; MEGF4; SLIL1; SLIT3; SLIT-1; slit homolog 1 protein; multiple EGF-like domains protein 4; multiple epidermal growth factor-like domains protein 4; slit homolog 1
Gene ID	6585
mRNA Refseq	NM_003061
Protein Refseq	NP_003052
MIM	603742
UniProt ID	O75093

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**Western blot
validation of
overexpression
lysate using anti-
DDK antibody**



Left: Cell lysates from un-transfected HEK293T cells
Right: Cell lysates from HEK293T cells transfected with RC218562 using
transfection reagent MegaTran 2.0.

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