

## Recombinant Mouse Unc5a Protein, MYC/DDK-tagged

Cat. No. Unc5a-329M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse unc-5 netrin receptor A (Unc5a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Receptor for netrin required for axon guidance. Functions in the netrin signaling pathway and promotes neurite outgrowth in response to NTN1. Mediates axon repulsion of neuronal growth cones in the developing nervous system in response to netrin. Axon repulsion in growth cones may be mediated by its association with DCC that may trigger signaling for repulsion. It also acts as a dependence receptor required for apoptosis induction when not associated with netrin ligand
<b>Molecular Mass</b>	99.3 kDa
<b>Purity</b>	>80%, as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Unc5a unc-5 netrin receptor A \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Unc5a](#)

**Synonyms** [Unc5a](#); [unc-5 netrin receptor A](#); [Unc5h1](#); [mKIAA1976](#); [netrin receptor UNC5A](#); [protein unc-5 homolog 1](#); [protein unc-5 homolog A](#)

**Gene ID** [107448](#)

**mRNA Refseq** [NM\\_153131](#)

**Protein Refseq** [NP\\_694771](#)

**UniProt ID** [Q8K1S4](#)

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