

Active Recombinant Human DRAXIN Protein, His-tagged

Cat. No. DRAXIN-874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DRAXIN (Accession # NP_940947) Gly26-Val349, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Gly26-Val349
Predicted N Terminal	Gly26
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human Draxin is immobilized at 2 µg/mL, Recombinant Human LRP-6 Fc Chimera binds with an apparent KD < 25 nM. Also measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neuron.
Molecular Mass	Recombinant Human DRAXIN, His-tagged has a calculated MW of 36.9 kDa. In SDS-PAGE migrates as 50-60 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).

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name DRAXIN dorsal inhibitory axon guidance protein [Homo sapiens]

Official Symbol DRAXIN

Synonyms UNQ3119; neucrin; AGPA3119; C1orf187

Gene ID [374946](#)

mRNA Refseq [NM_198545.3](#)

Protein Refseq [NP_940947.3](#)

MIM [612682](#)

UniProt ID Q8NBI3

Chromosome Location 1p36.22

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