Recombinant Human DRAXIN Protein (26-349 aa), His-SUMO-tagged

Cat. No. DRAXIN-1977H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DRAXIN Protein (26-349 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
ProteinLength	26-349 aa
Description	Chemorepulsive axon guidance protein required for the development of spinal cord and forebrain commissures. Acts as a chemorepulsive guidance protein for commissural axons during development. Able to inhibit or repel neurite outgrowth from dorsal spinal cord. Inhibits the stabilization of cytosolic beta-catenin (CTNNB1) via its interaction with LRP6, thereby acting as an antagonist of Wnt signaling pathway.
Form	Tris-based buffer,50% glycerol
Molecular Mass	52.0 kDa
AA Sequence	GALAPGTPARNLPENHIDLPGPALWTPQASHHRRRGPGKKEWGPGLPSQAQDGAV VTATRQASRLPEAEGLLPEQSPAGLLQDKDLLLGLALPYPEKENRPPGWERTRKRS REHKRRRDRLRLHQGRALVRGPSSLMKKAELSEAQVLDAAMEESSTSLAPTMFFLT

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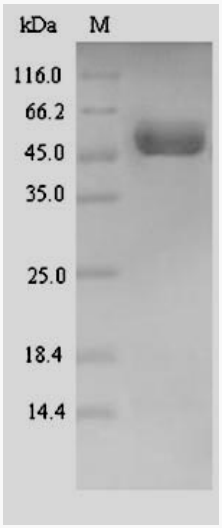
	TFEAAPATEESLILPVTSLRPQQAQPRSDGEVMPTLDMALFDWTDYEDLKPDGWPS AKKKEKHRGKLSSDGNETSPAEGEPCDHHQDCLPGTCCDLREHLCTPHNRGLNNK CFDDCMCVEGLRCYAKFHRNRRVTRRKGRCVEPETANGDQGSFINV
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

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

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UniProt ID	Q8NBI3



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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