

Active Recombinant Human AGRN Protein, His-tagged

Cat. No. AGRN-652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGRN(Thr30-Arg1102) fused with His tag at C-terminal was expressed in CHO.
Species	Human
Source	CHO
ProteinLength	Thr30-Arg1102
Predicted N Terminal	Thr30
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit neurite outgrowth of E16-E18 rat embryonic cortical neurons on a Laminin alpha 4 coated plate. Able to significantly inhibit neurite outgrowth when immobilized as a 3 µL droplet containing 50 ng of protein.
Molecular Mass	Predicted Molecular Mass: 113 kDa; SDS-PAGE: 138-181 kDa, reducing conditions.
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles.

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12 months from date of receipt, -20 to -70 centigrade as supplied.
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 500 µg/mL in PBS.

GENE INFORMATION

Gene Name [AGRN agrin \[Homo sapiens \]](#)

Official Symbol [AGRN](#)

Synonyms AGRN; agrin; AGRIN; agrin proteoglycan;

Gene ID [375790](#)

mRNA Refseq [NM_198576](#)

Protein Refseq [NP_940978](#)

MIM [103320](#)

UniProt ID [O00468](#)

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