

Active Recombinant Human AGRN Protein, His-tagged

Cat. No. AGRN-875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AGRN (Accession # NP_940978) Ala1260-Pro2045, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Ala1260-Pro2045
Predicted N Terminal	His
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U-87 MG human glioblastoma/astrocytoma cells. The typical ED50 for this effect is 0.9 - 3.6 µg/mL after 1 hour incubation at 37 °C. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human AGRN, His-tagged has a calculated MW of 83.5 kDa. In SDS-PAGE migrates as 100-110 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

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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
Chromosome Location	1p36.33

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