

Recombinant Human AGRN protein, His-tagged

Cat. No. AGRN-132H **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	30-1102 a.a.
Predicted N Terminal	Thr30
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
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="">
Purity	>95%, by SDS-PAGE with silver staining.
Storage	Avoid repeated freeze-thaw cycles.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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; NCAM signaling for neurite out-growth, organism-specific biosystem; NCAM1 interactions, organism-specific biosystem;
Function	acetylcholine receptor regulator activity; laminin binding; protein binding; structural constituent of cytoskeleton;

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