

# Recombinant Human ATRN Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ATRN-5517H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	ATRN MS Standard C13 and N15-labeled recombinant protein (NP_647538) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes both membrane-bound and secreted protein isoforms. A membrane-bound isoform exhibits sequence similarity with the mouse mahogany protein, a receptor involved in controlling obesity. A secreted isoform is involved in the initial immune cell clustering during inflammatory responses that may regulate the chemotactic activity of chemokines.
<b>Molecular Mass</b>	141.4 kDa
<b>AA Sequence</b>	MVAAAAATEARLRRRTAATAALAGRSGGPHWDWDVTRAGRPLGAGLRLPRLSP PLRPRLLLLLLLLSPLLLLLLPCEAEAAAAAAVSGSAAAEAKECDRPCVNGGRCNP GTGQCVCVAGWVGEQCQHCGRFRLTGSSGFVTDGPGNYKYKTKCTWLIEGQPN RIMRLRFNHFATECSWDHLYVYDGDSIYAPLVAAFSGLIVPERDGNETVPEVVATSG YALLHFFSDAAYNLTGFNITYSFDMCPPNCSGRGECKISNSSDVECECSENWKGE ACDIPHCTDNCGFPHRGICNSSDVRGCSCFSDWQQPGCSVPVPANQSFWTREEYS NLKLPRASHKAVVNGNIMWVVGGMFNHSDYNMVLAIDLASREWLPNRSVNNVV VRYGHSLALYKDKIYMYGGKIDSTGNVTNELRVFHIHNESWVLLTPKAKEQYAVVGH

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SAHIVTLKNGRVVMLVIFGHCPHYGYISNVQEYDLDKNTWSILHTQGALVQGGYGHS  
 SVYDHRTRALYVHGGYKAFSANKYRLADDLYRYDVDTQMWTILKDSRFFRYLHTAVI  
 VSGTMLVFGGNTHTNDTSMHSHGAKCFSSDFMAYDIACDRWSVLPRPDLHHDVNRFG  
 HSAVLHNSTMYVFGGFNSLLLSLILVFTSEQCDAHRSEAACLAAGPGIRCVWNTGS  
 SQCISWALATDEQEEKLSKSECFKRTLDHRCQHTDCYSCTANTNDCHWCNDHC  
 VPRNHSCSEGQISIFRYENCPKDNPMYYCNKKTSCRSCALDQNCQWEPRNQECIAL  
 PENICGIGWHLVGNLCLKITTAKENYDNAKLFNRHNALLASLTTQKKVEFVLKQLRI  
 MQSSQSMKLTLPWVGLRKINVSYWCWEDMSPFTNSLLQWMPSEPSDAGFCGIL  
 SEPSTRGLKAATCINPLNGSVCERPANHSKQCRTPCALRTACGDCTSGSSECMW  
 CSNMKQCVDSNAYVASFPFGQCMEWYTMSTCPPENCSSYCTCSHCLEQPGCGW  
 CTDPSNTGKKGKCIEGSYKGPVKMPSQAPTGNFYQPLLNSSMCLEDSRYNWSFIHC  
 PACQCNGHSHKINQSICEKCNLTTGKHCETCISGFYGDPTNGGKCQPKCNGHAS  
 LCNTNTGKCFCTTKGVKGDECQLCEVENRYQGNPLRGTCYYLLIDYQFTFSLSQE  
 DDRYYTAINFVATPDEQNRDLDMFINASKNFNLNITWAASFSAGTQAGEEMPVVSKT  
 NIKEYKDSFSNEKDFRNHPNITFFVYVSNFTWPIKIQVQTEQSGPTRTRPLEQKLISE  
 EDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

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<b>Gene Name</b>	ATRN attractin [ Homo sapiens (human) ]
<b>Official Symbol</b>	ATRN
<b>Synonyms</b>	ATRN; attractin; DPPT L; mahogany protein; MGCA; attractin-2; mahogany homolog; DPPT-L; KIAA0548; MGC126754;
<b>Gene ID</b>	8455
<b>mRNA Refseq</b>	NM_139322
<b>Protein Refseq</b>	NP_647538
<b>MIM</b>	603130
<b>UniProt ID</b>	O75882

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