

Recombinant Human ATRNL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ATRNL1-2107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ATRNL1 MS Standard C13 and N15-labeled recombinant protein (NP_997186) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	May play a role in melanocortin signaling pathways that regulate energy homeostasis.
Molecular Mass	152.5 kDa
AA Sequence	METGGRARTGTPQPAAPGVWRARPAGGGGGGASSWLLDGNWLLCYGFLYLALY AQVSQSKPCERTGSCFSGRCVNSTCLCDPGWVG DQCQHCQGRFKLTEPSGYLTD GPINYKYKTKCTWLIEGYPNAVLRLRFNHFATECSWDHMYVYDGDSIYAPLIAVL SGL IVPEIRGNETVPEVVTTSGYALLHFFSDAAYNLTGFNIFYSINSCPNNC SGHGKCTTS VSVPSQVYCECDKYWKGEACDIPYCKANCGSPDHGYCDLTGEKLCVCNDSWQGP DCSLNVPSTESYWILPNVKPFSPVGRASHKAVLHGKFMWVIGGYTFNYSSFQ MVL NYNLESSIWNVGTSPSRGPLQRYGHSLALYQENIFMYGGRIETNDGNVTDELWVFNIH SQSWSTKTPTVLGHGQQYAVEGHSAHIMELDSRDVVMIIIFGYSAIYGYTSSIQEYHI SSNTWLVPETKGAIVQGGYGHTSVYDEITKSIYVHGGYKALPGNKYGLVDDLYKYE V NTKTWTILKESGFARYLHSAVLINGAMLIFGGNTHNDTSLSNGAKCFSADFLAYDIAC DEWKILPKPNLHRDVNRFHGHS AVVINGSMYIFGGFSSVLLNDILVYKPPNCKAFRDE ELCKNAGPGIKCVWNKNHCESWESGNTNNILRAKCPPKTAASDDRCYRYADCASC

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TANTNGCQWCDDKKCISANSNCMSVKNYTKCHVRNEQICNKLTSCKSCSLNLC
 QWDQRQQECQALPAHLCGEGWSHIGDACLRNVSSRENYDNAKLYCYNLSGNLASL
 TTSKEVEFVLDEIQKYTQQKVSPWVGLRKINISYWGWEDEMSPFTNTTLQWLPGEPN
 DSGFCAYLERAAVAGLKANPCTSMANGLVCEKPVVSPNQNARPCKKPCSLRTSCS
 NCTSNGMECMWCSSTKRCVDSNAYIISFPYGQCLEWQTATCSPQNCISGLRTCGQC
 LEQPGCGWCNDPSNTGRGHCIEGSSRGPMKLIGMHSEMVLDTNLCPEKKNYEW
 SFIQCPACQCNGHSTCINNNVCEQCKNLTTGKQCQDCMPGYYGDPTNGGQCTACT
 CSGHANICHLHTGKCFCTTKGIKGDQCQLCDSENRYVGNPLRGTCYYSLIDYQFTF
 SLLQEDDRHHTAINFIANPEQSNKNLDSINASNFFNLNITWSVGSTAGTISGEETSIV
 SKNNIKEYRDSFSYEKFNFRSNPNITFYVYVSNFSPWPIKQIAFSQHNTIMDLVQFFVT
 FFSCFLSLLLVAVVWVWIKQTCWASRRREQLLRERQQMASRPFASVDVALEVGAEQ
 TEFLRGPLEGAPKPIAIEPCAGNRAAVLTVFLCLPRGSSGAPPPGQSGLAIASALIDIS
 QQKASDSKDKTSGVRNRKHLSTRQGTCTVTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ATRNL1 attractin-like 1 [Homo sapiens (human)]

Official Symbol ATRNL1

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Synonyms	ATRNL1; attractin-like 1; ALP; bA338L11.1; bA454H24.1; attractin-like protein 1
Gene ID	26033
mRNA Refseq	NM_207303
Protein Refseq	NP_997186
MIM	612869
UniProt ID	Q5VV63
SDS-PAGE	