

Product datasheet for **TP318226**

ATRNL1 (NM_207303) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human attractin-like 1 (ATRNL1), 20 µg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC218226 representing NM_207303
Red=Cloning site **Green**=Tags(s)

METGGRARTGTPQPAAPGVWRARPAGGGGGGASSWLLDGNWLLCYGFLYLALYAQVSQSKPCERTGS
 CF
 SGRCVNSTCLCDPGWVGDDQCQHCQGRFKLTEPSGYLTDGPINYYKYTKCTWLIIEGYPNVLRNLFNHFAT
 ECSWDHMYVYDGDSDIYAPLIAVLSGLIVPEIRGNETVPEVTTSGYALLHFFSDAAYNLTGFNIFYSINS
 CPNNCSGHGKCTTSVSVPSQVYCECDKYWKGEACDIPYCKANCGSPDHGYCDLTGEKLCVCNDSWQGP
 DC
 SLNVPSTESYWILPNVKPFSPSVGRASHKAVLHGKFMWVIGGYTFNYSSFQMVLYNLESSIWNVGTSPR
 GPLQRYGHSALYQENIFMYGGRIETNDGNVTDELWVFNHSQSWSTKTPTVLGHGQQYAVEGHSAHIM
 E
 LDSRDVVMIIIFGYSAIYGYTSSIQEYHISNTWLPETKGAIVQGGYGHTSVYDEITKSIYVHGKYKAL
 PGNKYGLVDDLYKYEVNTKTWTILKESGFARYLHSAVLINGAMLIFGGNTHNDTSLNGAKCFSADFLAY
 DIACDEWKILPKPNLHRDVRNFGHSAVINGSMYIFGGFSSVLLNDILVYKPPNCKAFRDEELCKNAGPG
 IKCVWNKNHCESWESGNTNNILRAKCPPKTAASDDRCYRYADCASCTANTNGCQWCDDKKCISANSNCS
 M
 SVKNYTKCHVRNEQICNKLTSCKSCSLNLCQWDQRQQECQALPAHLCGEGWSHIGDACLRNVSSREN
 YD
 NAKLYCYNLSGNLASLTTSKEVEFVLDEIQKYTQKQVSPWVGLRKINISYWGWEDEMSPFTNTTLQWLPGE
 PNDSGFCAYLERAAGVAGLKANPCTSMANGLVCEKPVVSPNQNARPCCKPCSLRTSCSNCTSNGMCECMW
 CS
 STKRCVDSNAYIISFPYGCLEWQTATCSPQNCGLRTCGQCLEQPGCGWCNDPSNTGRGHCIEGSSRGP
 MKLIGMHSEMVLDTNLCPKEKNYEWFSIQCPACQCNHSTCINNVCQCKNLTTGKQCQDCMPGY
 YGD
 PTNGGQCTACTCSGHANICHLHTGKCFCTTKGIGKDQCQLCDSENRYVGNPLRGTCYYSLLIDYQFTFSL
 LQEDDRHHTAINFIANPEQSNKNLDSINASNFNFNITWSVGSTAGTISGEETSIVSKNNIKEYRDSFS
 YEFNFNRSNPNTFYVYVSNFVWPIKIQIAFSQHNTIMDLVQFFVTFSCFLSLLVAAVVWKIKQTCWA
 SRRREQLLRERQQMASRPFASVDVALEVGAETEFRLRGPLEGAPKPIAIEPCAGNRAAVLTVFLCLPRGS
 SGAPPPGQSGLAIASALIDISQQKASDSKDKTSGVRNRKHLSTRQGTCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 152.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

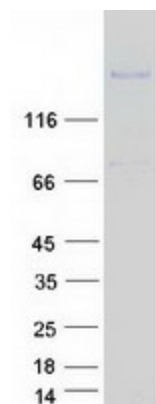
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_997186</u>
Locus ID:	26033
UniProt ID:	<u>Q5VV63</u>
RefSeq Size:	6175
Cytogenetics:	10q25.3
RefSeq ORF:	4137
Synonyms:	ALP; bA338L11.1; bA454H24.1
Summary:	May play a role in melanocortin signaling pathways that regulate energy homeostasis. [UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified ATRNL1 protein (Cat# TP318226). The protein was produced from HEK293T cells transfected with ATRNL1 cDNA clone (Cat# [RC218226]) using MegaTran 2.0 (Cat# [TT210002]).