

Product datasheet for **TP524714**

Atrnl1 (NM_181415) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse attractin like 1 (Atrnl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T



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Expression cDNA Clone or AA Sequence: >MR224714 representing NM_181415
Red=Cloning site Green=Tags(s)

MEPGVRARSGAPQPASPVLWRARPAGGGGASSWLLLDGNSWLLCYGFLYLALYAQVSQSKPCERTGSCF
 S
 GRCVNSTCLCDPGWVGDDQCQHCQGRFKLTEPSGYLTDGPINYYKYTKCTWLIEGYPNVLRFRNFHATE
 CSWDHMYVYDGDSDIYAPLVAVLSGLIVPEVRGNETVPEVTTSGYALLHFFSDAAYNLTGFNIFYSINSC
 PNNCSGHGKCTTSVSVASQVYCECDKYWKGEACDIPYCKANCGSPDHGYCDLTGEKLCVCNDSWQGP
 CS
 LNVPTESYWILPNVKPFSPSVGRASHKAVLHGKFMWWIGGYTFNYSSFQMVNLNLESSIWNVGAVS
 RG
 PLQRYGHSALYQENIFMYGGRMETS DGNVTDELWVFNVRSSQSWSTKTPTVLGHSQQYAVEG
 HSAHIM
 EL
 DSRDWMIVIFGYSAIYGYTSSIQEYHISSNTWLPETKGAIVQGGYGHTSVYDEVTKSIYVHGGYK
 ALP
 GNKYGLVDDLYKYEVNTRTWILKESGFARYLHSAVLINGAMLIFGGNTHNDTSLNNGAKCF
 SADFLAYD
 IACDEWKTLPKPNLHRDVRNRFHSAVVINGSMYIFGGFSSVLLNDILVYKPPNCKAFRDEEL
 CRNAGPGI
 KCVWNKNHCESWESGNTNNILRAKCPPKTAATDDRCYRYADCACTANTNGCQWCDDKKCIS
 ASSNCST
 S
 VRNYTKCHIRNEQICNKLTSCKSCSLNLCQWDQRQQECQALPAHLCEGEGWNHVGDA
 CLINSSRESYD
 N
 AKLYCYNLSGNLASLTTSKEVEFVLDEIQKFTQQKVSPWVGLRKINISYWGWE
 DMSPFTNTSLQWLPGE
 P
 NDSGFCAYLERAAVAGLKANPCTSMADGLVCEKPVVSPNQNARPCCKPCSLRTSCANCTSS
 GMECMWCS
 S
 TKRCVDSNAYIISFPYGCLEWQTATCSPQNCGLRTCGQCLEQPGCGWCNDPSNTGRGYC
 IEGSSRGP
 M
 KLAGVHNSDVVLDTS LCPKEKNYEWFSIQCPACQCNGHSTCINNVC EQCKNLTTGRQC
 QECMPGYG
 DP
 TNGGQCTACTCGGHANVCHLHTGKCFCTTKGIKGDQCQLCDSENRYVGNPLRGTCY
 SLLIDYQFTFSL
 L
 QEDDRHHTAINFIANPEQSNKNLDSINASNFNFLNITWSVGSTGGTISGEETPIVSK
 TNIKEYRDSFSY
 EKFNFRSNPNITFYVYVSNFSWPIKIQIAFSQHNTIMDLVQFFVTFSCFLSLLLVA
 AVVWKIKQTCWAS
 RRREQLLRERQQMARS PFASVDVALEVGAEQTDFLRGPLEGAPKPIAIEPCAGNRAAV
 LTVFLCLPRGSS
 GAPPPGQSGLAIASALIDISQKPSDNKDKTSGVRNRKHLSTRQGTCV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 152.9 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
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 after receiving vials.

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_852080</u>
Locus ID:	226255
UniProt ID:	<u>Q6A051</u>
RefSeq Size:	6596
Cytogenetics:	19 D2
RefSeq ORF:	4134
Synonyms:	AI504415; Alp; Atrnl; Atrnlp; AW555641
Summary:	May play a role in melanocortin signaling pathways that regulate energy homeostasis. [UniProtKB/Swiss-Prot Function]