

Product datasheet for TP310990

Attractin (ATRN) (NM_139322) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human attractin (ATRN), transcript variant 2, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC210990 protein sequence
Red=Cloning site Green=Tags(s)

MVAAAAATEARLRRRTAATAALAGRSGGPHWDVDVTRAGRPGLGAGLRLPRLSPPLRPLLLLLLLLLLSP
 PLLLLLLPCEAEAAAAAASVSGSAAAEAKECDRPCVNGGRCNPGTGQCVCAPAGWVGEQCQHCGRFRLTG
 SSGFVTDGPGNYKYKTKCTWLIEGQPNRIMRLRFNFHATECSWDHLYVDGDSIYAPLVAAFSGLIVPER
 DGNETVPEWATSGYALLHFFSDAAYNLTGFNITYSFDMCNNCSGRGECKISNSSDVECECSENWKGE
 ACDIPHCTDNCGFPHRGICNSSDVRGCSFCSDWQGPSCVVPANQSFWTREEYSNLKLPRAASHKAVNG
 NIMWVGGYMFNHSYDYMVLAIDLASREWLPNRSVNNVVRYGHSALYKDKIYMYGGKIDSTGNVTNE
 LRVFHIHNESWVLLTPKAKEQYAVVGHSAHIVTLKNGRVMLVIFGHCPYLYGYSNVQYEDLDKNTWSIL
 HTQGALVQGGYGHSSVYDHRTRALYVHGGYKAFSANKYRLADDLYRYDVDTQMWITLKDSRFFRYLHTAV
 IVSGTMLVFGGNTHTNDTSMHSHGAKCFSSDFMAYDIACDRWSVLPRLDHHVDVNRFGHSAVLHNSTMYVFG
 GFNSLLSDILVFTSEQCDHRSEAACLAAGPGIRCWNTGSSQCISWALATDEQEEKLKSECFKRTLD
 HDRCDQHTDCYSCTANTNDCHWCNDHCVPRNHSCSEGQISIFRYENCPKDNPMYCNCNKTSCRSCALDQN
 CQWEPRNQECIALPENICGIGWHLVGNLCKITTAKENYDNAKLCFRNHNALLASLTQKKVEFVVKQLR
 IMQSSQSMKLTLPWVGLRKINVSYWCWEDMSPFTNSLLQWMPSEPSDAGFCGILSEPSTRGLKAATCI
 NPLNGSVCERPANHSAKQCRTPCALRTACGDCTSGSSECMWCSNMKQCVDSNAYVASFPFGQCMEWYTM
 TCPPENCSTGCTCSHCLEQPGCGWCTDPSNTGKGCIEGSYKGPVKMPSQAPTGNFYPPQLLNSSMCLED
 SRYNWSFIHCPACQCNHGSKCINQSIKCEKCNLTTGKHCETCISGFYGDPTNGGKCPCKCNGHASLNT
 NTGKCFCTTKGVKGDCEQLCEVENRYQGNPLRGTCYTYLLIDYQFTFSLSQEDDRYTAINFVATPDEQN
 RDLDMFINASKNFNLNITWAASFSAGTQAGEEMPVSKTNIKEYKDSFSNEKDFRNHPNITFFVVSNF
 TWPIKIQVQTEQ

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

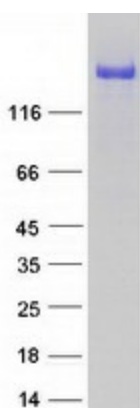
Tag: C-Myc/DDK
Predicted MW: 141.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method



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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:	NP_647538
Locus ID:	8455
UniProt ID:	O75882 , B4DZ36
RefSeq Size:	3967
Cytogenetics:	20p13
RefSeq ORF:	3816
Synonyms:	DPPT-L; MGCA
Summary:	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. [provided by RefSeq, Apr 2016]
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified ATRN protein (Cat# TP310990). The protein was produced from HEK293T cells transfected with ATRN cDNA clone (Cat# [RC210990]) using MegaTran 2.0 (Cat# [TT210002]).