

## Product datasheet for PH310990

### Attractin (ATRN) (NM\_139322) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ATRN MS Standard C13 and N15-labeled recombinant protein (NP_647538)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210990
Predicted MW:	141.4 kDa
Protein Sequence:	>RC210990 protein sequence Red=Cloning site Green=Tags(s)

MVAAAAATEARLRRRTAATAALAGRSGGPHWDWDVTRAGRPGLGAGLRPLRLLSPPLRPRLLLLLLLLLLSP  
PLLLLLLPCEAEAAAAAAVSGSAAAEAKECDRPCVNGGRCNPGTGQCVCPAGWVGEQCQCQHCGRFRLTG  
SSGFVTDGPGNYKYKTKCTWLIEGQPNRIMRLRFNFHATECSWDHLYVYDGDSDIYAPLVAASFGLIVPER  
DGNETVPEVVATSGYALLHFFSDAAYNLTFGNITYSFDMPNCSGRGECKISNSSDTVECESESNWKG  
ACDIPHCNDNCGFPHRGICNSSDVRGCSFSDWQPGCVVPANQSFWTREYSNLKLPRAHAKAVVNG  
NIMWVGGYMFNHSYDYNMVLAYDLASREWLPLNRSVNNVVRYGHSALYKDKIYMYGGKIDSTGNVTNE  
LRVFIHNESWVLLTPKAKEQYAVVGHSAHIVTLKNGRVVMLVIFGHCPLYGYISNVQYEDLDKNTWSIL  
HTQALVQGGYGHSSVYDHRTRALYVHGGYKAFSANKYRLADDLRYDVTQMWITLKDSTRFFRYLHTAV  
IVSGTMLVFGGNTHNDTSMHGAKECFSSDFMAYDIACDRWSVLPDPDLHHDVNRFGHSVAVLHNSTMYVFG  
GFNSLLSDILVFTSEQCDAHRSEAACLAAGPGIRCVWNTGSSQCSWALATDEQEEKLGKSECFKRTLD  
HDCRCDQHTDCYSTANTNDCHWCNDHCVPRNHSCSEGQISIFRYENCPKDNPMYYCNKKTSCRSCALDQN  
CQWEPRNQECIALPENICGIGWHLVGNLSCLITAKENYDANKLFCRNHNALLASLTTQKKVEFLKQLR  
IMQSSQSMSKLTLPWVGLRKINVSYWCWEDMSPFTNSLLQWMPSEPSDAGFCGILSEPSTRGLKAATCI  
NPLNGSVCERPANHSAKQCRTPCALRTACGDCTSGSSECMWCSNMKQCVDNSNAYVASFPFGQCMWYMTS  
TCPPENCSGYCTCSHCLEQPGCWCTDPSTGKGCIEGSYKGPVKMPSQAPTGNFYQPLLNSMCLD  
SRYNWFSIHCPCACQCNHSCINQSICEKCNLTTGKHCECTISGFYGDPTNGGKQPCCKNGHASLQNT  
NTGKCFCTTKGVKGDECQLCEVENRYQGNPLRGTCYYTLLIDYQFTFSLSQEDDRYYTAINFVATPDEQN  
RDLDMFINASKNFNLNITWAASF SAGTQAGEEMPVVSKTNIKEYKDSFSNEKDFRNHPNITFFVYVSNF  
TWPIKIQVQTEQ

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

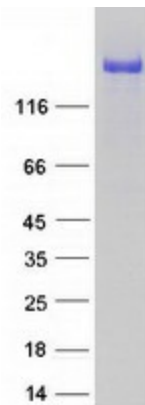
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Labeling Method:</b>	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3
<b>Storage:</b>	Store at -80°C. Avoid repeated freeze-thaw cycles.
<b>Stability:</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_647538</a>
<b>RefSeq Size:</b>	3967
<b>RefSeq ORF:</b>	3816
<b>Synonyms:</b>	DPPT-L; MGCA
<b>Locus ID:</b>	8455
<b>UniProt ID:</b>	<a href="#">O75882</a> , <a href="#">B4DZ36</a>
<b>Cytogenetics:</b>	20p13
<b>Summary:</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. [provided by RefSeq, Apr 2016]
<b>Protein Families:</b>	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]).