

Recombinant Human ATRN Protein, His-tagged

Cat. No. ATRN-277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATRN Protein (Ala84-Tyr245) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala84-Tyr245
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.0 kDa Accurate Molecular Mass: 21 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[ATRN attractin \[Homo sapiens \(human\) \]](#)

Official Symbol

[ATRN](#)

Synonyms

ATRN; attractin; DPPT L; mahogany protein; MGCA; attractin-2; mahogany homolog; DPPT-L; KIAA0548; MGC126754

Gene ID

[8455](#)

mRNA Refseq

[NM_001207047](#)

Protein Refseq

[NP_001193976](#)

MIM

[603130](#)

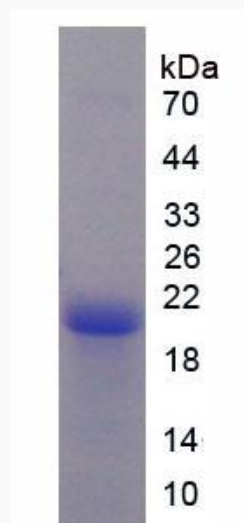
UniProt ID

[O75882](#)

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