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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

ARTN (Human) Recombinant Protein (P01)

Catalog Number: H00009048-P01

Regulation Status: For research use only (RUO)

Product Description: Human ARTN full-length ORF (AAH62375.1, 1 a.a. - 228 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MELGLGGLSTLSHCPWPRQQAPLGLSAQPALWPTLA  
ALALLSSVAEASLGSAPRSPAPREGPPPVLASPAGHLP  
GGRTARWCSEGRARRPPPQSRPAPPPPAPPSALPRG  
GRAARAGGPGSRARAAGARGCRLRSQLVPVRALGLG  
HRSDLVRFRCFCGSCRRARSPHDLASLLGAGALR  
PPGSRPVSQPCCRPTRYEAVSFMDVNSTWRTVDRL  
SATACGCLG
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 50

Interspecies Antigen Sequence: Mouse (73); Rat (75)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9048

Gene Symbol: ARTN

Gene Alias: ENOVIN, EVN, NBN

Gene Summary: The protein encoded by this gene is a member of the glial cell line-derived neurotrophic factor (GDNF) family of ligands which are a group of ligands within the TGF-beta superfamily of signaling molecules. GDNFs are unique in having neurotrophic properties and have potential use for gene therapy in neurodegenerative disease. Artemin has been shown in culture to support the survival of a number of peripheral neuron populations and at least one population of dopaminergic CNS neurons. Its role in the PNS and CNS is further substantiated by its expression pattern in the proximity of these neurons. This protein is a ligand for the RET receptor and uses GFR-alpha 3 as a coreceptor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]