



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### RET (Human) Recombinant Protein (P01)

**Catalog Number:** H00005979-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human RET full-length ORF ( AAH03072, 25 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
VALGLYFSRDAYWEKLYVDQAAGTPLLYVHALRDAPE  
EVPSFRLGQHLYGTYRTRLHENNWICIQEDTGLLYLNR  
SLDHSSWEKLSVRNRGFPLLVYLKVFSLPTSLREGE  
CQWPGCARVYFSFFNTSFPACSSLKPRELCPETRPS  
FRIRENRPPGTFHQFRLLPVQFLCPNISVAYRLEGE  
LPFRCAPDSLEVSTRWALDREQREKYELVAVCTVHAG  
AREEVVMVPPVTVYDEDDSAFTFPAGVDTASAVVEF  
KRKEDTVVATLRVFDADVVPASGELVRRYRSTLLPGD  
TWAQQTFRVEHWPNETSVQANGSFVRATVHDYRLVL  
NRNLSISENRTMQLAVLVNDSDFQPGAGVLLLHFNV  
SVLPVSLHLPSTYLSVSRARRRFAQIGKVCVENCLAD  
LTGDAVSGRDEARSSGLGSQKHPGS
```

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 73.48

**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:** 5979

**Gene Symbol:** RET

**Gene Alias:** CDHF12, HSCR1, MEN2A, MEN2B, MTC1, PTC, RET-ELE1, RET51

**Gene Summary:** This gene, a member of the cadherin superfamily, encodes one of the receptor tyrosine kinases, which are cell-surface molecules that transduce signals for cell growth and differentiation. This gene plays a crucial role in neural crest development, and it can undergo oncogenic activation in vivo and in vitro by cytogenetic rearrangement. Mutations in this gene are associated with the disorders multiple endocrine neoplasia, type IIA, multiple endocrine neoplasia, type IIB, Hirschsprung disease, and medullary thyroid carcinoma. Two transcript variants encoding different isoforms have been found for this gene. Additional transcript variants have been described but their biological validity has not been confirmed. [provided by RefSeq]