



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

### SNX13 (Human) Recombinant Protein (P01)

**Catalog Number:** H00023161-P01

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

**Product Description:** Human SNX13 full-length ORF ( AAH45667.1, 1 a.a. - 957 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLTEASLSIWGWGSLGIVLFLITFGPFVIFLYLTFYILCFV  
GGGLVVTLLFGKTNSEKYLEQCEHSFLPPTSPGVPKC  
LEEMKREARTIKIDRRLTGANIIDEPLQQVIQFSLRDYV  
QYWYYTLSDDDESFLLEIRQTLQNALIQFATRSKEIDWQ  
PYFTTRIVDDFGTHLRVFRKAQQKITEKDDQVKGTAED  
LVDTFFEVEVEMEKEVCRDLVCTSPKDEEGFLRDLC  
VLLYLLPPGDFQNKIMRYFVREILARGILLPLINQLSDP  
DYINQYVIWMIRDSNCNYEAFMNIKLSDNIGELEAVRD  
KAAEELQYLRSLDTAGDDINTIKNQINSLLFVKKVCD  
SR IQRLQSGKEINTVKLAANFGKLCVPLDSILVDNVALQF  
FMDYMQQTGGQAHLFFWMTVEGYRVTAQQQLEVL  
LRSQRDQKHTNQTKGLLRAAAVGIYEQYLSEKASPRVT  
VDDYLVAKLADTLNHEDPTPEIFDDIQRKVEYELMLRDE  
RFYPSFRQNALYVRMLAELDMLKDPFRGSDDGGE  
SFNGSPTGSINLSLDDLSNVSSDSDSVQLHAYISDTGVC  
NDHGKTYALYAITVHRRNLNSEEMWKTYRRYSDFHDF  
HMRITEQFESLSSILKLP GKKT FNMDRDFLEKRKKDL  
NAYLQLLLAPEMMKASPALAHYVYDFLENKAYS  
KGGDFARKMDTFVNPLRNSMRNVSNAVKSLPDNLAEGMT  
KMSDNMGKMSERLGQDIKQSFFKVPPLIPKTDSDPEH  
RRVSAQLDDNVDDNIPLRVMLLLMDEVFDLKER  
NQWLRNRIKLLQLIRATYGDTINRKIVDHDWMTSPEQVA  
DSVKRFRDAFWPNGILAEAVPCRDKSIRMTRVAGKT  
KLLAIMPDELKHIIGAETTRKGILRVFEMFQHNQLNRRM  
VYVFLEGFLETLPQYKFRFLFNKLHSRSKQMQKYKQ  
KLQTTQAPSLQKR

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

**Theoretical MW (kDa):** 137.4

**Interspecies Antigen Sequence:** Mouse (97); Rat (77)

**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:** 23161

**Gene Symbol:** SNX13

**Gene Alias:** KIAA0713, RGS-PX1

**Gene Summary:** This gene encodes a PHOX domain- and RGS domain-containing protein that belongs to the sorting nexin (SNX) family and the regulator of G protein signaling (RGS) family. The PHOX domain is a phosphoinositide binding domain, and the SNX family members are involved in intracellular trafficking. The RGS family members are regulatory molecules that act as GTPase activating proteins for G alpha subunits of heterotrimeric G proteins. The RGS domain of this protein interacts with G alpha(s), accelerates its GTP hydrolysis, and attenuates G alpha(s)-mediated signaling. Overexpression of this protein delays lysosomal degradation of the epidermal growth factor receptor. Because of its bifunctional role, this protein may link heterotrimeric G protein signaling and vesicular trafficking. [provided by RefSeq]