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Lieferung & Zahlungsart

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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

SSR4 (Human) Recombinant Protein (P01)

Catalog Number: H00006748-P01

Regulation Status: For research use only (RUO)

Product Description: Human SSR4 full-length ORF (AAH03371, 24 a.a. - 173 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

EACLEPQITPSYYTTSDAVISTETVLIVEISLTCKNRVQN
MALYADVGGKQFPVTRGQDVGRYQVSWSLDHKSAH
AGTYEVRFFDEESYLLRKAQRNNEISIIPLFTVSVD
HRGTWNGPWVSTEVLAAAIGLVIYYLAFSAKSHIQA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 42.24

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: 6748

Gene Symbol: SSR4

Gene Alias: TRAPD

Gene Summary: SSR4, also called TRAPD, is assumed to be involved in protein secretion. It is located in the Xq28 region, arranged in a compact head-to-head manner with the IDH3G gene. These two genes are

driven by a bidirectional promoter located between them, and encode proteins involved in unrelated biochemical pathways located in different compartments of the cell. The nontranscribed intergenic region represents only 133 bp and is embedded in a CpG island. The CpG island functions as a bidirectional promoter to initiate the transcription of both functionally unrelated genes with distinct expression patterns. SSR4 consists of six exons and is approximately 70 kb telomeric to the ALD gene. Although alternative splicing of exon 5 has not been detected in human SSR4, transcript variants missing the region homologous to human exon 5 have been detected in both *Xenopus laevis* and *Mus musculus*. [provided by RefSeq]