



# 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

Quellenstraße 110, A-1100 Wien

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

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

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Datasheet

### ALAS2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000212-P01

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

**Product Description:** Human ALAS2 full-length ORF (BAG35939.1, 1 a.a. - 587 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MVTAAMLLQCCPV LARGPTSL LGKVVKTHQFLFGIGR  
CPILATQGPNC SQIHLKATKAGGDSPSWAKGHCPFML  
SELQDGKSKIVQKAAPEVQEDVKAFKTDLPSSLVSVSL  
RKPFGPQEQEQISGKVTHLIQNMPGNVYVFSYDQFF  
RDKIMEKKQDHTYRVFKTVNRWADAYPFAQHFSEASV  
ASKDVSVWCSNDYLGMSRHPQVLQATQETLQRHGA  
GAGGTRNISGTSKFHVELEQELAEHQKDSALLFSSCF  
VANDSTLFTLAKILPGCEIYSDAGNHASMIQGIRNSGAA  
KFVFRHNDPDHLKLLKLEKSNPKIPKIVAFETVHSMGDGAI  
CPLEELCDVSHQYGALTFVDEVHAVGLYGSRGAGIGE  
RDGIMHKIDIISGTLGKAFGCVGGYIASTRDLVDMVRSY  
AAGFIFTTSLPPMVLGSALESVRLKGEEGQALRRHQ  
RNVKHMRQLLMDRGLPVIPCPSHIPIRVGNAALNSKL  
CDLLLSKHGIYVQAINYPTVPRGEELLRLAPSPHHSPQ  
MMEDFVEKLLLAWTAVGLPLQDVSVAACNFCRRPVHF  
ELMSEWERSYFGNMGPQYVTTYA

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

**Theoretical MW (kDa):** 91

**Interspecies Antigen Sequence:** Mouse (90); Rat (89)

**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:** 212

**Gene Symbol:** ALAS2

**Gene Alias:** ALAS-E, ALASE, ANH1, ASB, FLJ93603, XLSA

**Gene Summary:** The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]