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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

OAS2 (Human) Recombinant Protein (P01)

Catalog Number: H00004939-P01

Regulation Status: For research use only (RUO)

Product Description: Human OAS2 full-length ORF (NP_002526.2, 1 a.a. - 687 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGNGESQLSSVPAQKLGWFIQEYLPYEECQTLIDEM
VNTICDVLQEPEQFPLVQGVAIGGSYGRKTVLRGNSD
GTLVLFSDLKQFQDQKRSQRDILDKTGDKLKFCFTK
WLKNNFEIQKSLDGFTIQVFTKNQRISFEVLAAFNALSL
NDNPSPWIYRELKRSLDKTNASPGFAVCFTLQKQF
FDNRPGKLKDLILLIKHWHQQCQKKIKDLPSLSPYALEL
LTVYAWEQGCRKDNFDIAEGVRTVLELIKCEKLCIYW
MVNYNFEDETIRNILLHQLQSARPVILDPVDPTNNVSG
DKICWQWLKKEAQTWLTSPNLDNELPAPSWNVLPAPL
FTTPGHLLDKFIKEFLQPNKCFLEQIDSAVNIIRTFLEN
CFRQSTAKIQIVRGGSTAKGTALKTGSDADLVVFHNSL
KSYTSQKNERHKIVKEIHEQLKAFWREKEEELEVSFEP
PKWKAPRVLSFSLKSKVLNESVSFDVLPAPNALGQLS
SGSTPSPEVYAGLIDLYKSSDLPGGEFSTCFTVLQRNF
IRSRPTKLKDLIRLVKHWYKECERKLKPKGSLPPKYAL
ELLTIYAWEQSGVPDFDTAEGFRTVLELVTQYQQLCI
FWKVNYNFEDETVRKFLLSQLQKTRPVILDPAEPTGDV
GGGDRWCWHLLAKEAKEWLSSPCFKDGTGNPIPPW
KVPVKVI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 105.2

Interspecies Antigen Sequence: Mouse (62); Rat (60)

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: 4939

Gene Symbol: OAS2

Gene Alias: MGC78578

Gene Summary: This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]