



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

www.szabo-scandic.com

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

Datasheet

DUSP3 (Human) Recombinant Protein (P02)

Catalog Number: H00001845-P02

Regulation Status: For research use only (RUO)

Product Description: Human DUSP3 full-length ORF (AAH02682, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSGSFELSVQDLNDLLSDGSGCYLPSQPCNEVTPRI
YVGNASVAQDIPKLQKLGITHVLNAAEGRSFMHVNTN
ANFYKDSGITYLGIKANDTQEFNLSAYFERAADFIDQAL
AQKNGRVLVHCREGYSRPTLVIAYLMMRQKMDVKS
ALSIVRQNREIGPNDGFLAQLCQLNDRLAKEGKLP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 46.09

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: 1845

Gene Symbol: DUSP3

Gene Alias: VHR

Gene Summary: The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target

kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which are associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene maps in a region that contains the BRCA1 locus which confers susceptibility to breast and ovarian cancer. Although DUSP3 is expressed in both breast and ovarian tissues, mutation screening in breast cancer pedigrees and in sporadic tumors was negative, leading to the conclusion that this gene is not BRCA1. [provided by RefSeq]