



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

GREM1 (Human) Recombinant Protein (P01)

Catalog Number: H00026585-P01

Regulation Status: For research use only (RUO)

Product Description: Human GREM1 full-length ORF (NP_037504.1, 1 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MSRTAYTVGALLLLLGTLLPAAEGKKKGSQGAIPPPDK
AQHNDSEQTQSPQQPGSRNRGRGQGRGTAMPGEEV
LESSQEALHVTERKYLKRDWCKTQPLKQTIHEEGCNS
RTIINRFCYGCNSFYIPRHIRKEEGSFQSCSFCKPKKF
TTMMVTLNCPQLPPTKKKRVTRVKQCRCISIDLD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 47.1

Interspecies Antigen Sequence: Mouse (97); Rat (98)

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: 26585

Gene Symbol: GREM1

Gene Alias: CKTSF1B1, DAND2, DRM, GREMLIN, IHG-2, MGC126660, PIG2

Gene Summary: This gene encodes a member of the BMP (bone morphogenic protein) antagonist family. Like BMPs, BMP antagonists contain cystine knots and typically form homo- and heterodimers. The CAN (cerberus and dan) subfamily of BMP antagonists, to which this gene belongs, is characterized by a C-terminal cystine knot with an eight-membered ring. The antagonistic effect of the secreted glycosylated protein encoded by this gene is likely due to its direct binding to BMP proteins. As an antagonist of BMP, this gene may play a role in regulating organogenesis, body patterning, and tissue differentiation. In mouse, this protein has been shown to relay the sonic hedgehog (SHH) signal from the polarizing region to the apical ectodermal ridge during limb bud outgrowth. [provided by RefSeq]