



# 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

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## PRG2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00005553-T01

規格 : [ 100 uL ]

List All

### Specification

**Transfected Cell Line:** 293T

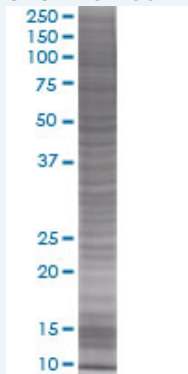
**Plasmid:** pCMV-PRG2 full-length

**Host:** Human

**Theoretical MW (kDa):** 24.53

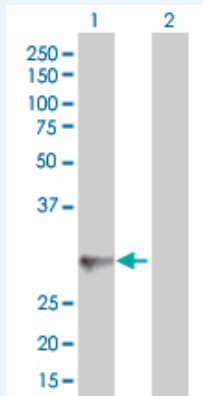
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-PRG2 antibody ([H00005553-B01](#)) by Western Blots.

#### SDS-PAGE Gel



PRG2 transfected lysate

#### Western Blot



Lane 1: PRG2 transfected lysate ( 24.53 KDa).

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [5553](#)

GeneBank Accession#: [BC005929](#)

Protein Accession#: [AAH05929](#)

Gene Name: PRG2

Gene Alias: BMPG,MBP,MBP1,MGC14537

Gene Description: proteoglycan 2, bone marrow (natural killer cell activator, eosinophil granule major basic protein)

Omim ID: [605601](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is the predominant constituent of the crystalline core of the eosinophil granule. High levels of the proform of this protein are also present in placenta and pregnancy serum, where it exists as a complex with several other proteins including pregnancy-associated plasma protein A (PAPPA), angiotensinogen (AGT), and C3dg. This protein may be involved in antiparasitic defense mechanisms as a cytotoxin and helminthotoxin, and in immune hypersensitivity reactions. It is directly implicated in epithelial cell damage, exfoliation, and bronchospasm in allergic diseases. [provided by RefSeq]

**Other Designations:** bone-marrow proteoglycan,eosinophil granule major basic protein,eosinophil major basic protein,natural killer cell activator,proteoglycan 2,proteoglycan 2 preproprotein

### Gene Pathway

[Asthma](#)

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