



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### BMP5 (Human) Recombinant Protein (Q03)

**Catalog Number:** H00000653-Q03

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

**Product Description:** Human BMP5 partial ORF ( NP\_066551.1, 323 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

NQNRNKSSSHQDSSRMSSVGDYNTSEQKQACKKHEL  
YVSFRDLGWQDWIIAPEGYAAFYCDGECFPLNAHMN  
ATNHAIQTLVHLMFPDHVPKPCCAPTKLNAISVLYFD  
DSSNVILKKYRNMVVRSCGCH

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

**Theoretical MW (kDa):** 40.15

**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:** 653

**Gene Symbol:** BMP5

**Gene Alias:** MGC34244

**Gene Summary:** This gene encodes a member of the bone morphogenetic protein family which is part of the transforming growth factor-beta superfamily. The superfamily includes large families of growth and

differentiation factors. Bone morphogenetic proteins were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskelatal site. These proteins are synthesized as prepropeptides, cleaved, and then processed into dimeric proteins. This protein may act as an important signaling molecule within the trabecular meshwork and optic nerve head, and may play a potential role in glaucoma pathogenesis. This gene is differentially regulated during the formation of various tumors. [provided by RefSeq]