



# 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

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## Datasheet

### PGBD3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00267004-P01

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

**Product Description:** Human PGBD3 full-length ORF ( NP\_736609.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPRTL~~SL~~HEITD~~LLE~~TDD~~SIE~~ASA~~IV~~IQ~~PP~~ENATAPV~~SDE~~  
ESGDEEGGTINNLP~~GS~~LLHTAAYLIQ~~DG~~SDA~~ESD~~SD~~DDP~~  
SYAPKDDSPDEVPSTFTV~~QQ~~PPPSRRRKMTKILCKWK  
KADLT~~VQ~~PVAGRV~~TAPP~~N~~DF~~FTVMRT~~PT~~EILELFLDDE  
VIELIVKYSNLYAC~~SK~~GVHLGLTSSE~~FK~~CFLGIIFLSGYV  
SV~~PRRR~~MFWEQRTDVHNV~~LV~~SAAMRRDRFETIFSNL  
HVADNANLDPV~~DK~~FSKLRPLISKLN~~ERC~~MKFV~~PN~~ETYF  
SFDEFMVPYFGRHGCKQFIRGKPIRFGYKFWCGATCL  
GYICWFQPYQGK~~NP~~N~~TK~~HEEYGVGASLVLQFSEALTE  
AHPGQYHFVFN~~NFF~~TSIALLDK~~LSS~~MGHQATGTVR~~KD~~  
HIDKVPLESDVALKKKERGT~~FD~~YRIDGKGNIVCRW~~ND~~N  
SVVTVASSGAGIHPLCLVSRYSQ~~LK~~KKIKV~~QQ~~PNMIK  
VYNQFMGGVDRADENIDKYRASIRGKKWYSSPLLFCF  
ELVLQNAWQLHKTYDEKPVDFLEFRRRVVCHYLETHG  
HPPEPGQKGRPQKR~~NID~~SR~~YD~~GINHVIVKQ~~GK~~QTRCA  
ECHKNTTFRCEKCDVALHV~~KC~~SVEYHTE

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

**Theoretical MW (kDa):** 94

**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:** 267004

**Gene Symbol:** PGBD3

**Gene Alias:** FLJ90201

**Gene Summary:** The piggyBac family of proteins, found in diverse animals, are transposases related to the transposase of the canonical piggyBac transposon from the moth, *Trichoplusia ni*. This family also includes genes in several genomes, including human, that appear to have been derived from the piggyBac transposons. This gene belongs to the subfamily of piggyBac transposable element derived (PGBD) genes. The PGBD proteins appear to be novel, with no obvious relationship to other transposases, or other known protein families. This gene overlaps with the ERCC6 gene on chromosome 10, and pseudogenes of this locus have been found on chromosomes 4, 5 and 12. [provided by RefSeq]