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Produktinformation



Forschungsprodukte & Biochemikalien



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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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Datasheet

GPC3 (Human) Recombinant Protein

Catalog Number: P9727

Regulation Status: For research use only (RUO)

Product Description: Human GPC3 (P51654-1, 438 a.a. - 554 a.a.) partial recombinant protein expressed in HEK293 cells.

Sequence:

RNGMKNQFNLHELKMKGPEPVVSQIIDKCLKHINQLLRT
MSMPKGRVLDKNLDEEGFESGDCGDDDEDECIGGSGD
GMIKVKQLRFLAELAYDLDDVDDAPGNSQQATPKDNE
ISTFHN

Host: Human

Theoretical MW (kDa): 21.5

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: Mammalian cell (Expi293, high-yield transient HEK293) expression system

Purity: > 95% as determined by HPLC

Endotoxin Level: < 1 EU per 1 ug of protein (determined by LAL method)

Activity: The EC₅₀ was 24.1 ng/mL, measured by ELISA at 5 ug/mL.

Recommend Usage: Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS pH 7.4

Storage Instruction: Store at -80°C for 12 Month. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2719

Gene Symbol: GPC3

Gene Alias: DGSX, OCI-5, SDYS, SGB, SGBS, SGBS1

Gene Summary: Cell surface heparan sulfate proteoglycans are composed of a membrane-associated protein core substituted with a variable number of heparan sulfate chains. Members of the glypican-related integral membrane proteoglycan family (GRIPS) contain a core protein anchored to the cytoplasmic membrane via a glycosyl phosphatidylinositol linkage. These proteins may play a role in the control of cell division and growth regulation. The protein encoded by this gene can bind to and inhibit the dipeptidyl peptidase activity of CD26, and it can induce apoptosis in certain cell types. Deletion mutations in this gene are associated with Simpson-Golabi-Behmel syndrome, also known as Simpson dysmorphia syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq]