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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GDF9 (Human) Recombinant Protein (P01)

Catalog Number: H00002661-P01

Regulation Status: For research use only (RUO)

Product Description: Human GDF9 full-length ORF (NP_005251.1, 1 a.a. - 454 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MARPKNKFLWFCFAWLCFPISLGSQASGGEAQIAAS
AELESGAMPWSLLQHIDERDRAGLLPALFKVLSVGRG
GSPRLQPDSRALHYMKKLYKTYATKEGIPKSNRSHLY
NTVRLFTPCTRHKQAPGDQVTGILPSVELLFLNDRITTV
EHLKSVLLYNINNSVSFSSAVKVCNLMIKEPKSSSRT
LGRAPYSFTFNSQFEFGKKHKWIDVTSLLQPLVASN
KRSIHMSINFTECMKDQLEHPSAQNGLFNMTLVSPSLIL
YLNDTSAQAYHSWYSLHYKRRPSQGPQERSLSAYP
VGEEAAEDGRSSHRRHRRGQETVSELKPLGPASF
NLSEYFRQFLLPQNECELHDFRLSFSQLKWDNWIVAP
HRYNPRYCKGDCPRAVGHRYGSPVHTMVQNIIEKLD
SSVPRPSCVPAKYSPLSVLTIEPDGSIAYKEYEDMIATK
CTCR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 77.8

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: 2661

Gene Symbol: GDF9

Gene Alias: -

Gene Summary: Growth factors synthesized by ovarian somatic cells directly affect oocyte growth and function. Growth differentiation factor-9 (GDF9) is expressed in oocytes and is thought to be required for ovarian folliculogenesis. GDF9 is a member of the transforming growth factor-beta superfamily. [provided by RefSeq]

References:

1. Effects of Growth Differentiation Factor 9 and Bone Morphogenetic Protein 15 on the in vitro Maturation of Porcine Oocytes. Lin ZL, Li YH, Xu YN, Wang QL, Namgoong S, Cui XS, Kim NH *Reprod Domest Anim.* 2014 Apr;49(2):219-27. doi: 10.1111/rda.12254. Epub 2013 Dec 9.