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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GDF15 (Human) Recombinant Protein (P01)

Catalog Number: H00009518-P01

Regulation Status: For research use only (RUO)

Product Description: Human GDF15 full-length ORF (AAH00529.1, 31 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

SLAEASRASFPGPSELHSEDSRFRELRKRYEDLLTRLR
ANQSWEDSNTDLVPAPAVRILTPEVRLGSGGHLHLRIS
RAALPEGLPEASRLHRALFRLSPTASRSWDVTRPLRR
QLSLARPQAPALHLRLSPPPSQDQLLAESSARPQL
ELHLRPQAARGRRRARARNGDHCPLGPRCCRLHTV
RASLEDLGWADWVLSPREVQVTCIGACPSQFRAAN
MHAQIKTSLHRLKPDTVAPCCVPASYNPMVLIQKTD
GVSLQTYD DLLAKDCHCI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 56.21

Interspecies Antigen Sequence: Mouse (59); Rat (59)

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: 9518

Gene Symbol: GDF15

Gene Alias: GDF-15, MIC-1, MIC1, NAG-1, PDF, PLAB, PTGFB

Gene Summary: Bone morphogenetic proteins (e.g., BMP5; MIM 112265) are members of the transforming growth factor-beta (see TGFB1; MIM 190180) superfamily and regulate tissue differentiation and maintenance. They are synthesized as precursor molecules that are processed at a dibasic cleavage site to release C-terminal domains containing a characteristic motif of 7 conserved cysteines in the mature protein.[supplied by OMIM]