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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

UGCG (Human) Recombinant Protein (P01)

Catalog Number: H00007357-P01

Regulation Status: For research use only (RUO)

Product Description: Human UGCG full-length ORF (NP_003349.1, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MALLDLALEGMAVFGFVFLVLWLMHFMAIIYTRLHLN
KKATDKQPYSKLPGVSLKPLKGVDPNLINLETFFEL
DYPKYEVLLCVQDHDPAIDVCKKLLGKYPNVDARLFI
GGKKVGINPKINLMPGYEVAKYDLIWICDSGIRVIPDT
LTDMVNQMTEKVGLVHGLPYVADRQGF AATLEQVYF
GTSHPRYYISANVTGFKCVTGMSCLMRKDVLDQAGGL
IAFAQYIAEDYFMAKAIADRGWRFAMSTQVAMQNSGS
YSISQFQSRMIRWTKLRINMLPATIICEPISECFVASLIIG
WAAHHVFRWDIMVFFMCHCLAWFIFYQLRGVQGGT
LCFSKLDYAVAWFIRESMTIYIFLSALWDPTISWRTGRY
RLRCGGTAEILDV

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 71.3

Interspecies Antigen Sequence: Mouse (98); Rat (97)

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: 7357

Gene Symbol: UGCG

Gene Alias: GCS

Gene Summary: Glycosphingolipids (GSLs) are a group of membrane components that contain lipid and sugar moieties. They are present in essentially all animal cells and are believed to have important roles in various cellular processes. UDP-glucose ceramide glucosyltransferase catalyzes the first glycosylation step in glycosphingolipid biosynthesis. The product, glucosylceramide, is the core structure of more than 300 GSLs. UGCG is widely expressed and transcription is upregulated during keratinocyte differentiation. [provided by RefSeq]