

# Recombinant Human GTDC1, GST-tagged

**Cat. No.** GTDC1-13586H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GTDC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-292a.a.                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | This gene encodes a member of the grainyhead family of transcription factors. The encoded protein may function as a transcription factor during development, and has been shown to stimulate migration of endothelial cells. Multiple transcript variants encoding distinct isoforms have been identified for this gene. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                                        |

## GENE INFORMATION

|                        |                                                                     |
|------------------------|---------------------------------------------------------------------|
| <b>Gene Name</b>       | GTDC1 glycosyltransferase-like domain containing 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | GTDC1                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | GTDC1; glycosyltransferase-like domain containing 1; glycosyltransferase-like domain-containing protein 1; FLJ11753; glycosyltransferase-like 1; mannosyltransferase candidate; mat-Xa; Hmat-Xa; FLJ44822; |
| <b>Gene ID</b>             | <a href="#">79712</a>                                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | <a href="#">NM_001006636</a>                                                                                                                                                                               |
| <b>Protein Refseq</b>      | <a href="#">NP_001006637</a>                                                                                                                                                                               |
| <b>MIM</b>                 | <a href="#">610165</a>                                                                                                                                                                                     |
| <b>UniProt ID</b>          | <a href="#">Q4AE62</a>                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 2q22.3                                                                                                                                                                                                     |
| <b>Function</b>            | transferase activity, transferring glycosyl groups;                                                                                                                                                        |