

## Recombinant Human BBOX1 Protein, MYC/DDK-tagged

Cat. No. BBOX1-2378H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human BBOX1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293  |
| Species          | Human                                                                                            |
| Source           | HEK293                                                                                           |
| Description      | Catalyzes the formation of L-carnitine from gamma-butyrobetaine. [UniProtKB/Swiss-Prot Function] |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                            |
| Molecular Mass   | 44.5 kDa                                                                                         |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                      |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                 |

### GENE INFORMATION

|                 |                                                                                                              |
|-----------------|--------------------------------------------------------------------------------------------------------------|
| Gene Name       | BBOX1 butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1 [ Homo sapiens ] |
| Official Symbol | BBOX1                                                                                                        |

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|                       |                             |
|-----------------------|-----------------------------|
| <b>Synonyms</b>       | BBH; BBOX; G-BBH; gamma-BBH |
| <b>Gene ID</b>        | 8424                        |
| <b>mRNA Refseq</b>    | NM_003986                   |
| <b>Protein Refseq</b> | NP_003977                   |
| <b>MIM</b>            | 603312                      |
| <b>UniProt ID</b>     | O75936                      |

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