

Recombinant Mouse Bbox1 Protein, Myc/DDK-tagged

Cat. No. Bbox1-1828M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase) (Bbox1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the formation of L-carnitine from gamma-butyrobetaine.
Molecular Mass	44.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Bbox1 butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase) [Mus musculus (house mouse)]
Official Symbol	Bbox1
Synonyms	BBOX1; butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase); gamma-butyrobetaine dioxygenase; gamma-BBH; gamma-butyrobetaine hydroxylase; gamma-butyrobetaine,2-oxoglutarate dioxygenase; A1874739
Gene ID	170442
mRNA Refseq	NM_130452
Protein Refseq	NP_569719
UniProt ID	Q924Y0

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