

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

Recombinant Human BBOX1 / Gamma-BBH Protein (His & GST tag)

产品货号: TP06790

第三版

别名:BBH;BBOX;G-BBH;gamma-BBH

**描述:**BBOX1, also known as gamma-BBH, belongs to the gamma-BBH/TMLD family. It is highly expressed in kidney and moderately expressed in liver. BBOX1 catalyzes the formation of L-carnitine from gamma-butyrobetaine, the last step in the L-carnitine biosynthetic pathway. Carnitine is essential for the transport of activated fatty acids across the mitochondrial membrane during mitochondrial beta-oxidation. BBOX1 is an inhibition target for mildronate which can be used to treat angina and myocardial infarction. Mildronate may also be beneficial for the treatment of neurological disorder, diabetes, and seizures and alcohol intoxication.

**配方:**PBS

**分子量:**72.5 kDa

**序列:**Met 1-Asn387

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.