

Recombinant Human BBOX1 protein, His&GST-tagged

Cat. No. BBOX1-2207H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human BBOX1 protein(O75936)(Met1-Asn387), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Asn387
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human BBOX1 /GST chimera consists of 624 amino acids and has a calculated molecular mass of 72.5 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

Official Symbol BBOX1

Synonyms BBOX1; butyrobetaine (gamma), 2-oxoglutarate dioxygenase (gamma-butyrobetaine hydroxylase) 1; BBOX; gamma-butyrobetaine dioxygenase; BBH; G BBH; gamma BBH; gamma-butyrobetaine hydroxylase; gamma-butyrobetaine,2-oxoglutarate dioxygenase 1; G-BBH; gamma-BBH;

Gene ID 8424

mRNA Refseq NM_003986

Protein Refseq NP_003977

MIM 603312

UniProt ID O75936

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