

## Recombinant Mouse Ctbp1 Protein, Myc/DDK-tagged

Cat. No. Ctbp1-2351M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length C-terminal binding protein 1 (Ctbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Corepressor targeting diverse transcription regulators such as GLIS2 or BCL6. Has dehydrogenase activity. Involved in controlling the equilibrium between tubular and stacked structures in the Golgi complex. Functions in brown adipose tissue (BAT) differentiation.
<b>Molecular Mass</b>	47.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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**GENE INFORMATION**

<b>Gene Name</b>	Ctbp1 C-terminal binding protein 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Ctbp1
<b>Synonyms</b>	CTBP1; C-terminal binding protein 1; C-terminal-binding protein 1; BARS; CtBP1-L; CtBP1-S; D4S115h; D5H4S115; D5H4S115E; CtBP3/BARS
<b>Gene ID</b>	13016
<b>mRNA Refseq</b>	NM_013502
<b>Protein Refseq</b>	NP_038530
<b>UniProt ID</b>	O88712

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