

## Product datasheet for TP523054

### Ctbp1 (NM\_013502) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse C-terminal binding protein 1 (Ctbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223054 representing NM_013502 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MGSSHLLNKGLPLGVRPPIMNGPMHPRPLVALLDGRDCTVEMPILKDVATVAFCDQAQSTQEIHEKVLNEA VGALMYHTITLTREDLEKFKALRIIVRIGSGFDNIDIKSAGDLGIAVCNVAASVEETADSTLCHILNLY RRTTWLHQALREGTRVQSVEQIREVASGAARIRGETLGIIGLGRVQVAVALRAKAFGNVLFYDPYLSDG IERALGLQRVSTLQDLLFHSDCVTLHCGLNEHNHHLINDFTVKQMRQGAFLVNTARGGLVDEKALAQALK EGRIRGAALDVHESEPFSSQGPLKDAPNLICTPHAAWYSEQASIEMREEAAREIRAITGRIPDSLKNC VNKDHLTAATHWASMDPAVVHPELNGAAYSRYPPGVVSVAPTGIPAAVEGIVPSAMSLSHGLPPVAHPPH APSPGQTVKPEADRDHTSDQL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	47.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_038530</a></u>
Locus ID:	13016



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**UniProt ID:** [O88712](#)

**RefSeq Size:** 2305

**Cytogenetics:** 5 17.52 cM

**RefSeq ORF:** 1323

**Synonyms:** BARS; CtBP3/BARS; D4S115h; D5H4S115; D5H4S115E

**Summary:** 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. [UniProtKB/Swiss-Prot Function]