

# Recombinant Human DTX2 protein, GST-tagged

**Cat. No.** DTX2-30126H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DTX2 (1-253 aa) protein, fused to GST tag, was expressed in E. coli.                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | Met1-Gln253                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.                                         |
| <b>AA Sequence</b>      | MQMPKPSRVQQALAGATPKPEPEPEQVIKNYTEELKVPPDEDCIICMEKLSAASGYS<br>DVTDSKAIGSLAVGHLTKCSHAFHLLCLLAMYCNGNKDGLQCPSCKTIYGEKTGTQ<br>PQGKMEVLRFAQMSLPGHEDCGTILIVYSIPHGIQGPEHPNPGKPFTARGFPRQCYLP<br>DNAQGRKVLLELLKVAWKRRLLFTVGTSSTTGETDVTWVNEIHHKTEMDRNITGHGYP<br>DPNYLQNVLAELAAQGVTEDCLEQQ |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                       |
| <b>Stability</b>        | Store for up to 12 months at -20°C to -80°C as lyophilized powder.                                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer                                                                                                                                       |

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.  
Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage

## GENE INFORMATION

**Gene Name** DTX2 deltex homolog 2 (Drosophila) [ Homo sapiens ]

**Official Symbol** DTX2

**Synonyms**

DTX2; deltex homolog 2 (Drosophila); deltex (Drosophila) homolog 2; protein deltex-2; RNF58; hDTX2; deltex2; ring finger protein 58; zinc ion binding protein; KIAA1528; MGC71098;

**Gene ID** 113878

**mRNA Refseq** NM\_001102594

**Protein Refseq** NP\_001096064

**MIM** 613141

**UniProt ID** Q86UW9

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