

## Recombinant Human TOP2A protein(1051-1240 aa), C-His-tagged

**Cat. No.** TOP2A-2638H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TOP2A protein(P11388)(1051-1240 aa), fused with C-terminal His tag, was expressed in E. coli.                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1051-1240 aa                                                                                                                                                                                               |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                           |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                          |
| <b>Reconstitution</b>   | 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.                              |
| <b>AA Sequence</b>      | QARFILEKIDGKIIENKPKKELIKVLIQRGYDSDPVKAWKEAQQKVPDEEENEESDNE<br>KETEKSDSVTDSGPTFNYYLLDMPLWYLTKEKKDELCLRLRNEKEQELDTLKRKSPSDL<br>WKEDLATFIEELEAVEAKEKQDEQVGLPGKGKAKGKKTQMAEVLPSPRGQRVIPR<br>ITIEMKAEAEKKNKKKIK |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                    |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TOP2A topoisomerase (DNA) II alpha 170kDa [ Homo sapiens ]                                                                                                                                                                                         |
| <b>Official Symbol</b> | TOP2A                                                                                                                                                                                                                                              |
| <b>Synonyms</b>        | TOP2A; topoisomerase (DNA) II alpha 170kDa; TOP2, topoisomerase (DNA) II alpha (170kD); DNA topoisomerase 2-alpha; DNA gyrase; DNA topoisomerase II, 170 kD; DNA topoisomerase (ATP-hydrolyzing); DNA topoisomerase II, alpha isozyme; TOP2; TP2A; |
| <b>Gene ID</b>         | 7153                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_001067                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001058                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 126430                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | P11388                                                                                                                                                                                                                                             |

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