

Product datasheet for **TP760224**

ZNF365 (NM_014951) Human Recombinant Protein

Product data:

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|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human zinc finger protein 365 (ZNF365), transcript variant A, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | A DNA sequence encoding human full-length ZNF365 |
| Tag: | N-His |
| Predicted MW: | 46.4 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 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. |
| 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: | NP_055766 |
| Locus ID: | 22891 |
| UniProt ID: | Q70YC5 |
| RefSeq Size: | 4158 |
| Cytogenetics: | 10q21.2 |
| RefSeq ORF: | 1221 |
| Synonyms: | Su48; UAN; ZNF365D |



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Summary:

This gene encodes a zinc finger protein that may play a role in the repair of DNA damage and maintenance of genome stability. The N-terminal C2H2 zinc finger motif is required to form a protein complex with PARP1 and MRE11, which are known to be involved in the restart of stalled DNA replication forks. A mutation in this gene may be associated with breast cancer susceptibility. [provided by RefSeq, Mar 2020]

Product images: