

Product datasheet for TP318305L

CCDC16 (ZNF830) (NM_052857) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human zinc finger protein 830 (ZNF830), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC218305 representing NM_052857 Red=Cloning site Green=Tags(s) |
| | <p>MASSASARTPAGKRVINQEELRRLMKEKQRLSTSRKRIESPFAKYNRLGQLSCALCNTPVKSELLWQTHV LGKQHREKVAELKGAKEASQGSSASSAPHSVKKRKAPDADDQDVKRAKATLVPQVQPSTSAWTTNFDKIGK EFIRATPSKPSGLSLLPDYEDEEEEEEEEGDGERKRGDASKPLSDAQGKEHSVSSSREVTSSVLPNDFE STNPPKAPIPHSGSIEKAEIHEKVVERRENTAEALPEGFFDDPEVDARVRKVDAPKQMDKEWDEFQKA MRQVNTISEAIVAEDEEGRLDRQIGEIDEQIECYRRVEKLRNRQDEIKNKLKEILTIKELQKKEENAD SDDEGELQDLLSQDWRVKGALL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 41.8 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 |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| 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_443089 |
| Locus ID: | 91603 |



[View online »](#)

UniProt ID: [Q96NB3](#)

RefSeq Size: 1646

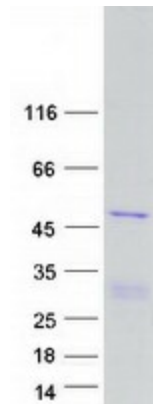
Cytogenetics: 17q12

RefSeq ORF: 1116

Synonyms: CCDC16; OMCG1

Summary: May play a role in pre-mRNA splicing as component of the spliceosome (PubMed:25599396). Acts as an important regulator of the cell cycle that participates in the maintenance of genome integrity. During cell cycle progression in embryonic fibroblast, prevents replication fork collapse, double-strand break formation and cell cycle checkpoint activation. Controls mitotic cell cycle progression and cell survival in rapidly proliferating intestinal epithelium and embryonic stem cells. During the embryo preimplantation, controls different aspects of M phase. During early oocyte growth, plays a role in oocyte survival by preventing chromosomal breaks formation, activation of TP63 and reduction of transcription (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ZNF830 protein (Cat# [TP318305]). The protein was produced from HEK293T cells transfected with ZNF830 cDNA clone (Cat# [RC218305]) using MegaTran 2.0 (Cat# [TT210002]).