

Recombinant Mouse Zfp830 Protein, Myc/DDK-tagged

Cat. No. Zfp830-7101M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse zinc finger protein 830 (Zfp830), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May play a role in pre-mRNA splicing as component of the spliceosome. 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.
Molecular Mass	40.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration	>50 µg/mL as determined by microplate BCA method
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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
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GENE INFORMATION

Gene Name	Zfp830 zinc finger protein 830 [Mus musculus (house mouse)]
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Official Symbol	Zfp830
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Synonyms	Zfp830; zinc finger protein 830; Omcg; Omcg1; Ccdc16; Znf830; AV301118; AW048207; 2410003C20Rik; zinc finger protein 830; coiled-coil domain containing 16; coiled-coil domain-containing protein 16
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Gene ID	66983
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mRNA Refseq	NM_025884
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Protein Refseq	NP_080160
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UniProt ID	Q8R1N0
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