

Recombinant Mouse Wdr43 Protein, Myc/DDK-tagged

Cat. No. Wdr43-6981M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse WD repeat domain 43 (Wdr43), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ribosome biogenesis factor that coordinates hyperactive transcription and ribogenesis. Involved in nucleolar processing of pre-18S ribosomal RNA. Required for optimal pre-ribosomal RNA transcription by RNA polymerase I. Essential for stem cell pluripotency and embryonic development. In the nucleoplasm, recruited by promoter-associated/nascent transcripts and transcription to active promoters where it facilitates releases of elongation factor P-TEFb and paused RNA polymerase II to allow transcription elongation and maintain high-level expression of its targets genes.
Molecular Mass	75.4 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.
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.

GENE INFORMATION

Gene Name	Wdr43 WD repeat domain 43 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Wdr43
Synonyms	Wdr43; WD repeat domain 43; Wrd43; AU020887; AV024208; mKIAA0007; 2610318G08Rik; WD repeat-containing protein 43
Gene ID	72515
mRNA Refseq	NM_175639
Protein Refseq	NP_783570
UniProt ID	Q6ZQL4

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