

Recombinant Mouse Spout1 Protein, Myc/DDK-tagged

Cat. No. Spout1-2439M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length DNA segment, Chr 2, Wayne State University 81, expressed (cDNA clone MGC:90552 IMAGE:5686308), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Required for association of the centrosomes with the poles of the bipolar mitotic spindle during metaphase. Also involved in chromosome alignment. May promote centrosome maturation probably by recruiting A-kinase anchor protein AKAP9 to centrosomes in early mitosis. Binds specifically to miRNA MIR145 hairpin, regulates MIR145 expression at a postranscriptional level.
Molecular Mass	20.3 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	Spout1 SPOUT domain containing methyltransferase 1 [Mus musculus (house mouse)]
Official Symbol	Spout1
Synonyms	Spout1; SPOUT domain containing methyltransferase 1; CENP-32; D2Wsu81; AL033358; D2Wsu81e; 9930028P05; putative methyltransferase C9orf114 homolog; centromere protein 32; kinetochore-associated protein
Gene ID	227695
mRNA Refseq	NM_172660
Protein Refseq	NP_766248
UniProt ID	Q3UHX9

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