Recombinant Mouse Rbpms2 Protein, Myc/DDK-tagged

Cat. No. Rbpms2-5430M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length RNA binding protein with multiple splicing 2 (Rbpms2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	RNA-binding protein involved in the regulation of smooth muscle cell differentiation and proliferation in the gastrointestinal system. Binds NOG mRNA, the major inhibitor of the bone morphogenetic protein (BMP) pathway. Mediates an increase of NOG mRNA levels, thereby contributing to the negative regulation of BMP signaling pathway and promoting reversible dedifferentiation and proliferation of smooth muscle cells.
Molecular Mass	22.5 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	Rbpms2 RNA binding protein with multiple splicing 2 [Mus musculus (house mouse)]
Official Symbol	Rbpms2
Synonyms	RBPMS2; RNA binding protein with multiple splicing 2; RNA-binding protein with multiple splicing 2; AI316523; 2400008B06Rik
Gene ID	71973
mRNA Refseq	NM_028030
Protein Refseq	NP_082306
UniProt ID	Q8VC52

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