Recombinant Mouse Mmp19 Protein, Myc/DDK-tagged

Cat. No. Mmp19-4099M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length matrix metallopeptidase 19 (Mmp19), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme. Mice lacking the encoded protein develop a diet-induced obesity due to adipocyte hypertophy, exhibit decreased susceptibility to chemical carcinogen-induced skin tumors and early onset of tumoral angiogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	59.6 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	Mmp19 matrix metallopeptidase 19 [Mus musculus (house mouse)]
Official Symbol	Mmp19
Synonyms	MMP19; matrix metallopeptidase 19; matrix metalloproteinase-19; MMP-19; matrix metalloproteinase 19; matrix metalloproteinase RASI; MGC123370
Gene ID	58223
mRNA Refseq	NM_021412
Protein Refseq	NP_067387
UniProt ID	Q9JHI0

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA