

Native Swine MBP

Cat. No. MBP-99S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Swine MBP was extracted under acidic conditions and further purified by cation chromatography from pig brain. This product is routinely evaluated using active MAP Kinase 3/ERK1.
Species	Pig
Source	Pig Brain
Description	MBP exists as four major forms in the pig CNS with apparent molecular weights of 21.5K, 20.2K, 18.5K, and 17.3K. Native pig MBP is extracted under acidic conditions and further purified by cation chromatography. MBP is an efficient substrate for numerous protein kinases including ERK/MAP Kinase family, cAMP-dependent Protein Kinase, Calmodulin-dependent Protein Kinase, Protein Kinase C, and Phosphorylase Kinase.
Molecular Mass	~21.5 kDa
Applications	WB

GENE INFORMATION

Gene Name	MBP myelin basic protein [<i>Sus scrofa</i>]
Official Symbol	MBP

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Synonyms	myelin basic protein
Gene ID	414286
mRNA Refseq	NM_001001546
Protein Refseq	NP_001001546
Chromosome Location	1; 1 80 cM

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