

MDFI 抗原（重组蛋白）

中文名称：MDFI 抗原（重组蛋白）

英文名称：MDFI Antigen (Recombinant Protein)

别名：MyoD family inhibitor; I-MF; I-mfa

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 1-246 amino acids of human MDFI

技术规格：

Full name:	MyoD family inhibitor
Synonyms:	I-MF; I-mfa
Swissprot:	Q99750
Gene Accession:	BC007836
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This protein is a transcription factor that negatively regulates other myogenic family proteins. Studies of the mouse homolog, I-mf, show that it interferes with myogenic factor function by masking nuclear localization signals and preventing DNA binding. Knockout mouse studies show defects in the formation of vertebrae and ribs that also involve cartilage formation in these structures.