

Recombinant Full Length Human MDFI Protein, GST-tagged

Cat. No. MDFI-6101HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MDFI full-length ORF (NP_005577.1, 1 a.a. - 246 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	246 amino acids
Description	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. [provided by RefSeq]
Molecular Mass	51.4 kDa
AA Sequence	MYQVSGQRPSGCDAPYGAPSAAPGPAQTLSELLPGLEVVTGSTHPAEAAPEEGSLE EAATPMPQGNPGIPQGLDSTDLDVPTAVTCQPQGNPLGCTPLLPNDSGHPSEL GGTRRAGNGALGGPKAHRKLQTHPSLASQGSKSKSSSKSTTSQIPLQAQEDCCV HCILSCLFCEFLTLCNIVLDCATCGSCSSEDSCLCCCCCGSGECADCDLPCDLDCGI LDACCESADCLEICMECCGLCFSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 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

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MDFI MyoD family inhibitor [Homo sapiens]
Official Symbol	MDFI
Synonyms	MDFI; MyoD family inhibitor; myoD family inhibitor; I mfa; inhibitor of MyoD family a; myogenic repressor I-mf; I-MF; I-mfa;
Gene ID	4188
mRNA Refseq	NM_005586
Protein Refseq	NP_005577
MIM	604971
UniProt ID	Q99750

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