Recombinant Full Length Human MSC Protein, GST-tagged

Cat. No. MSC-6556HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MSC full-length ORF (NP_005089.2, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	206 amino acids
Description	The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq
Molecular Mass	48.5 kDa
AA Sequence	MSTGSVSDPEEMELRGLQREYPVPASKRPPLRGVERSYASPSDNSSAEEEDPDGE EERCALGTAGSAEGCKRKRPRVAGGGGAGGSAGGGGKKPLPAKGSAAECKQSQR NAANARERARMRVLSKAFSRLKTSLPWVPPDTKLSKLDTLRLASSYIAHLRQLLQED RYENGYVHPVNLTWPFVVSGRPDSDTKEVSAANRLCGTTA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	MSC musculin [Homo sapiens]
Official Symbol	MSC
Synonyms	MSC; musculin; musculin (activated B cell factor 1); ABF 1; activated B cell factor 1; bHLHa22; activated B-cell factor-1; class A basic helix-loop-helix protein 22; activated B-cell factor 1, homolog of mouse musculin; ABF1; MYOR; ABF-1;
Gene ID	9242
mRNA Refseq	NM_005098
Protein Refseq	NP_005089
MIM	603628
UniProt ID	O60682

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