

Recombinant Full Length Human MZF1 Protein, GST-tagged

Cat. No. MZF1-6630HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MZF1 full-length ORF (NP_003413.2, 1 a.a. - 734 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	734 amino acids
Description	MZF1 (Myeloid Zinc Finger 1) is a Protein Coding gene. Diseases associated with MZF1 include Arrhythmogenic Right Ventricular Dysplasia 1. Among its related pathways are Ectoderm Differentiation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and RNA polymerase II core promoter proximal region sequence-specific DNA binding. An important paralog of this gene is ZSCAN10.
Molecular Mass	108.5 kDa
AA Sequence	MRPAVLGSPDRAPPEDEGPVMVKLEDSEEEGEAALWDPGPEAARLRFRFCFRYEEA TGPQEALQLRELRCRQWLRPEVRSKEQMLELLVLEQFLGALPPEIQRARVQGQRPGS PEEAAAALVDGLRREPGGPRRWTVQVQGQEVLSKMEPSSFQPLPETEPPTPEPG PKTPPRTMQESPLGLQVKEESEVTEDSDFLESGPLAATQESVPTLLPEEAQRCGTV LDQIFPHSKTGPEGPSWREHPRALWHEEAGGIFSPGFALQLGSISAGPGSVSPHLH VPWDLGMAGLSGQIQSPSREGGFAHALLPSDLRSEQDPTDEDPCRGVGPALITTR WRSPRGRSRGRPSTGGGVVRGGRCDCGKVFQSQRNLLRHQKIHTGERPFVCSE

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CGRSFSRSSHLLRHQLTHTEERPFVCGDCGQGFVRSARLEEHRRVHTGEQPFRCA
 ECGQSFRQRSNLLQHQRHGDPPGPGAKPPAPPGAPEPPGPFPCSECRESFARRA
 VLLEHQAVHTGDKSFGCVECGERFGRRSVLLQHRRVHSGERPFACAECGQSFRQR
 SNLTQHRRIHTGERPFACAECGKAQRPTLTQHLRVHTGEKPFACPECGQRFSSQ
 RLKLTRHQRTHTEKPYHCGECGLGFTQVSRLTEHQRIHTGERPFACPECGQSFR
 QHANLTQHRRIHTGERPYACPECGKAQRPTLTQHLRTHRREKPFACQDCGRRF
 HQSTKLIQHQRVHSAE

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 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

MZF1 myeloid zinc finger 1 [Homo sapiens]

Official Symbol

MZF1

Synonyms

MZF1; myeloid zinc finger 1; zinc finger protein 42 (myeloid specific retinoic acid responsive) , ZNF42; MZF 1; MZF1B; Zfp98; ZSCAN6; zinc finger and SCAN domain-containing protein 6; zinc finger protein 42 (myeloid-specific retinoic acid-responsive); MZF-1; ZNF42;

Gene ID

7593

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mRNA Refseq	NM_003422
Protein Refseq	NP_003413
MIM	194550
UniProt ID	P28698

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