

Recombinant Human MZB1, His-tagged

Cat. No. MZB1-139H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MZB1, 1-97aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-97aa
Description	Marginal zone B- and B1-cell-specific protein, also known as MZB1, acts as a hormone-regulated adipokine/proinflammatory cytokine that is implicated in causing chronic inflammation, affecting cellular expansion and blunting insulin response in adipocytes. This protein may have a role in the onset of insulin resistance. Recombinant human MZB1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	12.9 kDa (120aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMPELWL TSYGVREVDQ VKRLTGPGLS EGPEPSISVM VTGGPWPTSL SRTCLHYLGE FGEDQIYEAH QQGRGALEAL LCGGPQGACS EKVSAATREEL
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	MZB1 marginal zone B and B1 cell-specific protein [Homo sapiens]
Official Symbol	MZB1
Synonyms	MZB1; marginal zone B and B1 cell-specific protein; plasma cell-induced resident endoplasmic reticulum protein; HSPC190; caspase-2 binding protein; plasma cell-induced ER protein 1; proapoptotic caspase adapter protein; proapoptotic caspase adaptor protein; plasma cell-induced resident ER protein; PACAP; pERp1; FLJ32987; MGC29506;
Gene ID	51237
mRNA Refseq	NM_016459
Protein Refseq	NP_057543
Function	protein binding;