

**MZB1, 1-97aa, Human, His tag, E.coli**

**Cat.NO.: TP03073**

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3th Edition

**Synonyms:** Marginal zone B- and B1-cell-specific protein, PACAP, MEDA7

**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 Weight:** 12.9 kDa (120aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMPELWLTSYGVREVDQVKRLTGPLSEGPEPSISVMVTGGPWPTRLSRT  
CLHYLGEFGEDQIYEAHQQRGALEALLCGGPQGACSEKVSATREEL

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.