

## Marginal Zone B And B1 Cell-Specific Protein Human Recombinant

**Item Number** rAP-4413

**Synonyms** Marginal Zone B and B1 Cell-Specific Protein, MZB1, PACAP, Mesenteric Oestrogen-Dependent Adipose Gene- 7, Plasma Cell-Induced ER Protein 1, Proapoptotic Caspase Adaptor Protein, Mesenteric Estrogen-Dependent Adipose 7, Plasma Cell-Induced Resident Endopl

**Description** MZB1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 120 amino acids (1-97) and having a molecular mass of 12.9 kDa. MZB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Uniprot Accesion Number** Q8WU39

**Amino Acid Sequence** MGSSHHHHHH SSGLVPRGSH MGSMPAELWL TSYGVREVDQ VKRLTGPGLS EGPEPSISVM VTGG-  
PWPTRL SRTCLHYLGE FGEDQIYEAH QQGRGAALEAL LCGGPQGACS EKVSATREEL.

**Source** Escherichia Coli.

**Physical Appearance and Stability** Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Formulation and Purity** The MZB1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.

**Application**

**Solubility**

**Biological Activity**

**Shipping Format and Condition** Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**