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32-4277: Recombinant Human Marginal Zone B And B1 Cell-Specific Protein

Alternative Name :	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 E

Description

Source : Escherichia Coli. 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. Marginal zone B- and B1-cell-specific protein (MZB1) functions as a hormone-regulated adipokine/proinflammatory cytokine which is implicated in causing chronic inflammation, affecting cellular expansion and blunting insulin response in adipocytes. The MZB1 protein may have a role in the onset of insulin resistance. MZB1 links with immunoglobulin M (IgM) heavy and light chains and stimulate s IgM assembly and secretion. MZB1 exerts its effect by acting as a molecular chaperone or as an oxidoreductase as it exhibits a low level of oxidoreductase activity. MZB1 helps to diversify peripheral B-cell functions by regulating Ca(2+) stores, antibody secretion and integrin activation.

Product Info

Amount :	20 μg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The MZB1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMPAELWL TSYGVREVDQ VKRLTGPGLS EGPEPSISVM VTGGPWPTRL SRTCLHYLGE FGEDQIYEAH QQGRGALEAL LCGGPQGACS EKVSATREEL.