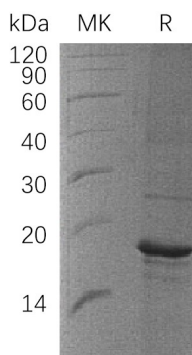


概述 (Summary)

英文全称	Z-DNA-binding protein 1/ZBP1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Z-DNA Binding Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Ser149 is expressed with a 6His tag at the C-terminus.
Accession #	Q9H171
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	17.5 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human ZBP1 (C-6His)
Catalog #: PEH1837



背景 (Background)

分子别名 (Alternative Names)

Z-DNA-Binding Protein 1; Tumor Stroma and Activated Macrophage Protein DLM; ZBP1; C20orf183; DLM1

背景介绍 (References)

Z-DNA Binding Protein 1 (ZBP1) is a protein with 2 DRADA repeats. ZBP1 is highly expressed in lymphatic tissues including lymph node, leukocytes, tonsil, bone marrow, and spleen. ZBP1 participates in the detection of viral and bacterial DNA from by the hosts innate immune system. It plays a role in host defense against tumors and pathogens. ZBP1 Acts as a cytoplasmic DNA sensor which, when activated, induces the recruitment of TBK1 and IRF3 to its C-terminal region and activates the downstream interferon regulatory factor (IRF) and NF-kappa B transcription factors, leading to type-I interferon production. ZBP1-induced NF-kappaB activation probably involves the recruitment of the RHIM containing kinases RIPK1 and RIPK3.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.