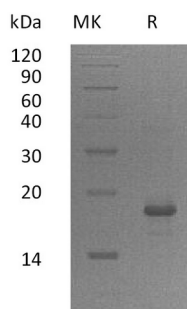


概述 (Summary)

英文全称	GADD45A/DNA damage-inducible transcript 1 protein/DDDIT-1
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 Growth Arrest And DNA Damage-Inducible Protein GADD45 alpha is produced by our E.coli expression system and the target gene encoding Met1-Arg165 is expressed with a 6His tag at the N-terminus.
Accession #	P24522
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	20.5 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 GADD45A (N-6His)
Catalog #: PEH0697



背景 (Background)

分子别名 (Alternative Names)

Growth Arrest and DNA Damage-Inducible Protein GADD45 Alpha; DNA Damage-Inducible Transcript 1 Protein; DDIT-1; GADD45A; DDIT1; GADD45

背景介绍 (References)

Growth Arrest and DNA Damage-Inducible Protein GADD45 α (GADD45A) is a member of the GADD45 family. GADD45A can be induced by UV irradiation, X-rays, growth arrest and alkylating agents, of which can be mediated by some kinases other than PKC. GADD45A can interact with MAPK14, GADD45GIP1, PCNA. In T-cells, GADD45A functions as a regulator of p38 MAPKs by inhibiting p38 phosphorylation and activity. GADD45A may affect PCNA interaction with some cell division protein kinase complexes, stimulating DNA excision repair in vitro and inhibits entry of cells into S phase.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.