

Product Name: Recombinant Human GADD45B (N-6His)
Catalog #: PEH0698

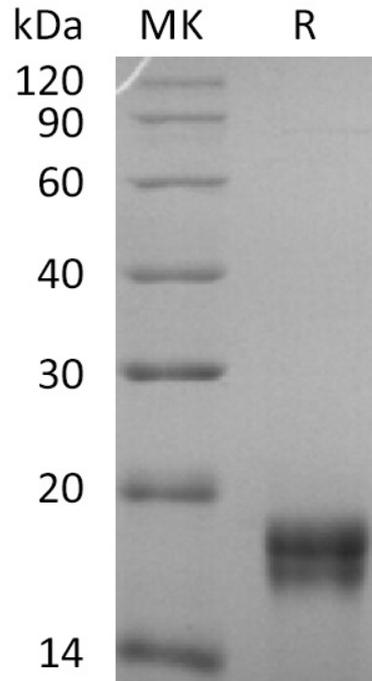


Summary

Name	GADD45B/MYD118
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Growth Arrest and DNA Damage-Inducible Protein GADD45 beta is produced by our E.coli expression system and the target gene encoding Met1-Arg160 is expressed with a 6His tag at the N-terminus.
Accession #	O75293
Host	E.coli
Species	Human
Predicted Molecular Mass	20 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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.

SDS-PAGE image

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Alternative Names

Growth Arrest and DNA Damage-Inducible Protein GADD45 Beta; Myeloid Differentiation Primary Response Protein MyD118; Negative Growth Regulatory Protein MyD118; GADD45B; MYD118

Background

Growth Arrest and DNA Damage-Inducible Protein GADD45 β (GADD45B) is a member of the GADD45 family. GADD45B has been shown to interact with MAP3K4, ASK1, MAP2K7, and GADD45GIP1. GADD45B is involved in the regulation of growth and apoptosis. GADD45B reacts to environmental stresses by mediating activation of stress-responsive MTK1/MEKK4 kinase, which is an upstream activator of both p38 and JNK MAPKs. In addition, GADD45B participates in the down-regulation of hepatocellular carcinoma (HCC). It may serve as a possible therapeutic target.

Note

For Research Use Only , Not for Diagnostic Use.