

Growth Arrest and DNA-Damage-Inducible Beta Human Recombinant

Item Number	rAP-3195
Synonyms	MYD118, GADD45BETA, GADD45B, Growth arrest and DNA-damage-inducible protein GADD45 beta, Myeloid differentiation primary response protein MyD118, Negative growth regulatory protein MyD118, DKFZp566B133.
Description	GADD45B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids and having a molecular mass of 17.8 kDa.
Uniprot Accesion Number	O75293
Amino Acid Sequence	MTLEELVACD NAAQKMQTVT AAVEELLVAA QRQDRLTVGV YESAKLMNVD PDSVVLCLLA IDEEEEDDIA LQIHFTLIQS FCCDNDINIVRVSQGMQRRAQ LLGEPAETQG TTEARDLHCL LVTNPHTDAW KSHGLVEVAS YCEESRGNNQ WVPYISLQER.
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 GADD45B protein solution contains 20mM Tris-HCl pH-7.5 and 20% glycerol. Greater than 95.0% 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**