

Growth Arrest and DNA-Damage-Inducible Gamma Human Recombi-

Item Number	rAP-3196
Synonyms	DDIT2, GADD45gamma, GADD45G, Growth arrest and DNA-damage-inducible protein GADD45 gamma, Cytokine-responsive protein CR6, DNA-damage-inducible transcript 2, DDIT-2, CR6, GRP17.
Description	GADD45G Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 159 amino acids and having a molecular mass of 17.1 kDa.
Uniprot Accesion Number	O95257
Amino Acid Sequence	MTLEEVRGQD TVPESTARMQ GAGKALHELL LSAQRQGCLT AGVYESAKVL NVDPDNVTFC VLAA- GEEDEG DIALQIHFTL IQAFCCEENDIDIVRVDVQR LAAIVGAGEE AGAPGDLHCI LISNPNEDAW KDPALEKLSL FCEESRSVND WVPSITLPE.
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 GADD45G protein solution (1mg/ml) contains 20mM Tris-HCl pH-7. 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**