

Growth Arrest and DNA-Damage-Inducible Gamma Interacting Protein

Item Number	rAP-3199
Synonyms	Growth arrest and DNA-damage-inducible gamma interacting protein 1, PRG6, CRIF1, PLINP-1, KBBP2, Plinp1, Papillomavirus L2-interacting nuclear protein 1, CKII beta-associating protein, CR6-interacting factor 1, p53-responsive gene 6 protein, CKII beta bin
Description	GADD45GIP1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 196 amino acids (48-222) and having a molecular mass of 22.6 kDa. GADD45GIP1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8TAE8
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MPRWQLGPRY AAKQFARYGA ASGVVPGSLW PSPEQLRELE AEEREWYPSL ATMQESLRVK QLAEQKRRE REQHIAECMA KMPQMIVNWQ QQQRENWEKA QAD- KERRARL QAEAQELLYG QVDPRSARFQ ELLQDLEKKE RKRLKEEKQK RKKEARAAAL AAAVAQDPAA SGAPSS
Source	E.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 GADD45GIP1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2M NaCl and 40% glycerol. Greater than 90% 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 ender users! This product is sold for **Research Use Only**