

## p53 and DNA-Damage Regulated 1 Human Recombinant

Item Number	rAP-3193
Synonyms	p53 and DNA damage-regulated protein 1, PDRG1, C20orf126, PDRG.
Description	PDRG1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 153 amino acids (1-133 a.a.) and having a molecular mass of 17.6kDa. The PDRG1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NUG6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MLSPEAERVL RYLVEVEELA EEVLADKRQI VLDLTKRNQN REGLRALQKD LSLSEDMVC FGNMFIKMPH PETKEMIEKD QDHLDEIEK LKQLKVKVN RLFEAQGK- PE LKGFNLNPLN QDELKALKVI LKG.
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 PDRG1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol. Greater than 90.0% 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 ender users! This product is sold for **Research Use Only**