

p53 and DNA-Damage Regulated 1 Human Recombinant

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| 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 Accesion Number | Q9NUG6 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MLSPEAERVL RYLVEVEELA EEVLADKRQI VDLDTKRNQN REGLRALQKD LSLSEDVMVC FGNMFIKMPH PETKEMIEKD QDHLDKEIEK LRKQLKVKN RLFEAQGK- PE LKGFLNLNPLN 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 end users! This product is sold for **Research Use Only**