

PDRG1 Human

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.

Catalog #: PRPS-014

For research use only.

Synonyms: p53 and DNA damage-regulated protein 1, PDRG1, C20orf126, PDRG.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MLSPEAERVL RYLVEVEELA
EEVLADKRQI VDLDTKRNQN REGLRALQKD LSLSEDVMVC FGNMFIKMPH PETKEMIEKD
QDHLDKIEIK LRKQLKVKVN RLFEAQGKPE LKGFNLNPLN QDELKALKVI LKG.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

The PDRG1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.

Stability:

PDRG1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

PDRG1 is a 133 amino acid protein that localizes to the cytoplasm and belongs to the prefoldin subunit beta family. PDRG1 is expressed primarily in normal testicular tissue, it is functionally induced by ultraviolet light and is thought to have a role in chaperone-mediated protein folding, possibly having a role in cellular degradation. PDRG1 is linked to Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.

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