

AR09724PU-L

Human PDRG1 (1-133, His-tag) - Purified

Alternate names:	C20orf126, PDRG, p53 and DNA damage-regulated protein 1
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	PDRG1, also known as PDRG or C20orf126, is a 133 amino acid protein that localizes to the cytoplasm and belongs to the prefoldin subunit β family. Expressed predominately in normal testicular tissue, PDRG1 is functionally induced by ultraviolet light and is thought to play a role in chaperone-mediated protein folding, possibly playing a role in cellular degradation. It is associated with Creutzfeldt-Jakob disease, amyotrophic lateral sclerosis, spinal muscular atrophy, ring chromosome 20 epilepsy syndrome and Alagille syndrome.
Uniprot ID:	Q9NUG6
NCBI:	NP_110442
GeneID:	81572
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol
Description:	Recombinant human PDRG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSSLVPRGSH MLSPEAERVL RYLVEVEELA EEVLADKRQI VLDLTKRNQN REGLRALQKD LSLSEDVMVC FGNMFIKMPH PETKEMIEKD QDHLDKIEIK LRKQLKVKVN RLFEAQGKPE LKGFNLNPLN QDELKALKVI LKG Molecular weight: 17.6 kDa (153aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Russell RB., et al. (2008) Nat Chem Biol. 4(11):666-73. Luo X., et al. (2003) Oncogene. 22(46):7247-57.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human PDRG1, 1-133 aa, His-tagged



15% SDS-PAGE (3ug)