

PDRG1, 1-133aa, Human, His tag, E.coli

Cat.NO.: TP03336

3th Edition

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

Description:PDRG1, also known as PDRG or C20orf126, is a 133 amino acid protein that localizes to the cytoplasm and belongs to the prefoldin subunit ? 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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 20% glycerol

Molecular Weight:17.6 kDa (153aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMLSPEAERVLRYLVEVEELAEVVLADKRQIVDLDTKRQNREGLRALQKDLSE
DVMVCFGNMFIKMPHPETKEMIEKDQDHLDKIEKLRKQLKVKVNRLEFAQGPPELKGFNLNPLNQDELKALKVILK
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Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.