
Product Data Sheet

Product Name: PDRG1 Human
 Cat. No.: GP24155
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	p53 and DNA damage-regulated protein 1; PDRG1; C20orf126; PDRG.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MLSPEAERVL RYLVEVEELA EEVLADKRQI VDLDTKRNQN REGLRALQKD LLSLSEDMVC FGNMFIKMPH PETKEMIEKD QDHLDKIEIK LRKQLKVKVN RLFEAQGKPE LKGFNLNPLN QDELKALKVI LKG.		
Formulation	The PDRG1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol.		

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA