
Product Data Sheet

Product Name: PARK7 Mouse
 Cat. No.: GP24126
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein deglycase DJ-1; Parkinson disease protein 7 homolog.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASKRAL VILAKGAEEM ETVIPVDVMR RAGIKVTVAG LAGKDPVQCSRDMICPDTS LEDAKTQGPY DVVVLPGGNL GAQNLSESPM VKEILKEQES RKGLIAAICA GPTALLAHEVGFVGCKVTTHP LAKDKMMNGS HYSYSESRVE KDGLILTSRGPGTSFEFALA IVEALVGKDM ANQVKAPLVL KD.		
Formulation	PARK7 protein solution (0.5mg/ml) containing PhosphateBuffered Saline (pH 7.4), 20% glycerol and 1mM DTT.		

Introduction

The PARK7 is a ubiquitously expressed protein involved in various cellular processes including spermatogenesis and fertilization, cancer, RNA-binding, androgen-receptor signaling and oxidative stress. Mutations in the PARK7 are the cause of autosomal recessive early-onset Parkinson's disease 7 (Park7).

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

PARK7 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 212 amino acids (1-189 a.a) and having a molecular mass of 22.4kDa. PARK7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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