
Product Data Sheet

Product Name: PARK7 Human

Cat. No.: GP24125

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein DJ-1; Oncogene DJ1; Parkinson disease protein 7; PARK7; DJ1; DJ-1; FLJ27376.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASK RALVILAKGA EEMETVIPVD VMRRAGIKVT VAGLAGKDPV QCSRDVVICP DASLEDAKKE GPYDVVVLPG GNLGAQNLSE SAAVKEILKE QENRKGLIAA ICAGPTALLA HEIGFGSKVT THPLAKDKMM NGGHYTYSEN RVEKDGLILT SRGPGTSFEF ALAIVEALNG KEVAAQVKAP LVLKD.		
Formulation	The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 20% glycerol.		

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 Human Recombinant fused to an N-terminal 36 aa His-Tag, produced in E.Coli is a single, non-glycosylated polypeptide chain (aa 1-189) containing 225 amino acids and having a molecular mass of 24 kDa.

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

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