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# PARK7 Human

**Catalog #:**PRPS-582

For research use only.

**Description:**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.

**Synonyms:**PARK7, Parkinson disease protein 7, Oncogene DJ-1, Parkinson disease (autosomal recessive, early onset) 7.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**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.

**Purity:**Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**
The protein solution (1mg/ml) contains 20mM Tris-HCl pH-8 and 20% glycerol.

**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.

**Usage:**
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drμgs, agricultural or pesticidal products, food additives or household chemicals.

**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 Parkinsons disease 7 (Park7).

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