



Product Datasheet

Product Name	DJ-1 Human Recombinant
Cata No	CB501186
Source	<i>Escherichia Coli.</i>
Synonyms	PARK7, Parkinson disease protein 7, Oncogene DJ-1, Parkinson disease (autosomal recessive, early onset) 7.

Description

The DJ-1 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 DJ-1 are the cause of autosomal recessive early-onset Parkinson's disease 7 (Park7).

PARK7 Human Recombinant fused to N-terminal His-Tag produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids and having a molecular mass of 24 kDa.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

The protein solution contains 20mM Tris-HCl Ph-8 and 20% glycerol.

Stability

DJ-1 although stable 4°C for 4 weeks, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD
KDRWGSMASK RALVILAKGA EEMETVIPVD
VMRRAGIKVT VAGLAGKDPV QCSRDVVICP
DASLEDAKKE GPYDVVVLPG GNLGAQNLSE
SAAVKEILKE QENRKGLIAA ICAGPTALLA
HEIGFGSKVT THPLAKDKMM NGGHYTYSEN
RVEKDGLILT SRGPGTSFEF ALAIVEALNG
KEVAAQVKAP LVLKD.