

Product datasheet for **TP325206L**

PARK7 (NM_001123377) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human Parkinson disease (autosomal recessive, early onset) 7 (PARK7), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC225206 protein sequence
Red=Cloning site **Green**=Tags(s)

MASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAGLAGKDPVQCSRVDVICPDASLEDAKKEGPDWV
VLPGGNLGAQNLSESAVKEILKEQENRGLIAAICAGPTALLAHEIGFGSKVTTHPLAKDKMMNGGHYT
YSENRVEKDGLILTSRGPSTFEFALAIVEALNGKEVAAQVKAPLVLKD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 19.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001116849](#)

Locus ID: 11315

UniProt ID: [Q99497](#), [V9HWC2](#)



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RefSeq Size: 921

Cytogenetics: 1p36.23

RefSeq ORF: 567

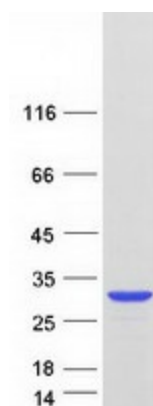
Synonyms: DJ-1; DJ1; GATD2; HEL-S-67p

Summary: The product of this gene belongs to the peptidase C56 family of proteins. It acts as a positive regulator of androgen receptor-dependent transcription. It may also function as a redox-sensitive chaperone, as a sensor for oxidative stress, and it apparently protects neurons against oxidative stress and cell death. Defects in this gene are the cause of autosomal recessive early-onset Parkinson disease 7. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease

Protein Pathways: Parkinson's disease

Product images:



Coomassie blue staining of purified PARK7 protein (Cat# [TP325206]). The protein was produced from HEK293T cells transfected with PARK7 cDNA clone (Cat# [RC225206]) using MegaTran 2.0 (Cat# [TT210002]).