

Product datasheet for **TP325206**

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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225206 protein sequence Red =Cloning site Green =Tags(s)
	 MASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAGLAGKDPVQCSRDVVICPDASLEDAKKEGPDWV VLPGGNLGAQNLSESAVKEILKEQENRKGLIAAICAGPTALLAHEIGFGSKVTTHPLAKDKMMNGGHYT 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:	<u>NP_001116849</u>
Locus ID:	11315
UniProt ID:	<u>Q99497</u> , <u>V9HWC2</u>



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RefSeq Size: 921

Cytogenetics: 1p36.23

RefSeq ORF: 567

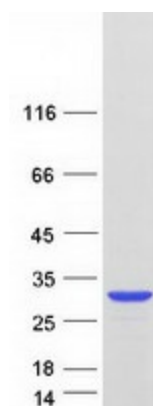
Synonyms: DJ-1; DJ1; GATD2; HEL-S-67p

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]).