

Product datasheet for PH325206

PARK7 (NM_001123377) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PARK7 MS Standard C13 and N15-labeled recombinant protein (NP_001116849)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225206
Predicted MW:	19.9 kDa
Protein Sequence:	>RC225206 protein sequence Red=Cloning site Green=Tags(s) MASKRALVILAKGAEEMETVIPVDVMRRAGIKVTVAGLAGKDPVQCSRDVVICPDASLEDAKKEGPYDVV VLPGGNLGAQNLSAAYKEILKEQENRKGIAAICAGPTALLAHEIGFGSKVTTHPLAKDKMMNGGHYT YSENRVEKDGLILTSRPGTSFEFALAIVEALNGKEVAAQVKAPLVLKD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001116849
RefSeq Size:	921
RefSeq ORF:	567
Synonyms:	DJ-1; DJ1; GATD2; HEL-S-67p
Locus ID:	11315
UniProt ID:	Q99497 , V9HWC2



[View online »](#)

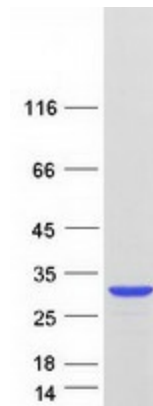
Cytogenetics: 1p36.23

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]).