

Protein Deglycase (DJ-1), human recombinant

CATALOG NO:	P1130-100	100 µg
	P1130-500	500 µg
ALTERNATE NAMES:	Park7, DJ1, Oncogene DJ1, Parkinson disease protein 7	
SOURCE:	<i>E.coli</i>	
PURITY:	> 90% by SDS-PAGE	
MOL. WEIGHT:	22 kDa, HIS tag at N-terminus	
FORM:	Lyophilized	
FORMULATION:	Freeze-dried in 20 mM Tris-HCl pH 8.0, 150 mM NaCl, 5% glycerol	
RECONSTITUTION:	Reconstitute to 4 mg/mL in sterile water	
STORAGE CONDITIONS:	Reconstituted protein can be store at -80°C in aliquots and use within 6 months. Avoid repeated freeze-thaw cycles.	
SEQUENCE:	<p>MGSSHHHHHSSGLVPRGSHMASKRALVILAKGAEEMETVIPVD VMRRAGIKVTVAGLAGKDPVQCSRDDVICPDASLEDKKEGPYD VVVLPGGNLGAQNLSESAAVKEILKEQENRKGLIAAICAGPTALLA HEIGFGSKVTTHPLAKDKMMNGGHYTYSENVEKDGLILTSRGP GTSFEFALAIVEALNGKEVAAQVKAPLVLKD</p>	
DESCRIPTION:	DJ-1 is a multi-functional homodimeric protein involve in cancers and Parkinson's disease. Human DJ-1 is a 19.9 kDa protein containing 189 amino acid residues.	

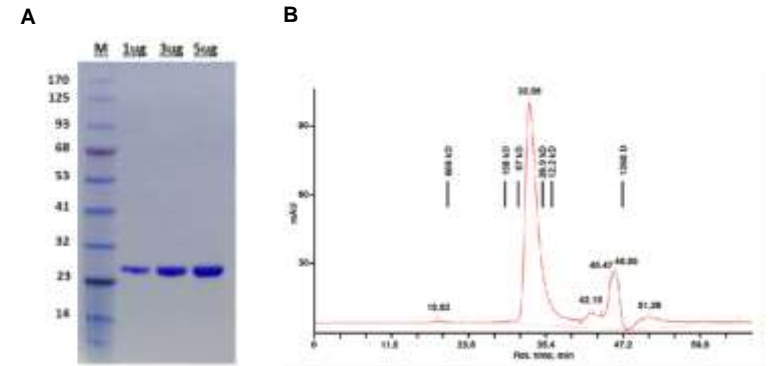


Fig. A. SDS-PAGE (4-20%) of recombinant human DJ-1: Recombinant protein loaded under reducing conditions and stained with Coomassie Blue. Lane M-MW marker, Lanes 2-4 DJ-1

Fig. B. SEC analysis of recombinant human DJ-1: DJ-1 analyzed by Superdex 12 HR 10/30 column at 0.4 ml/min in 50 mM Sodium Phosphate, 0.3 M NaCl pH 7.2 monitored at 280 nm. Homodimeric DJ-1 (44 kDa) elutes at a retention time of ~32 min.

RELATED PRODUCTS:

- GDNF, human recombinant (Cat. No. 4097-10,-50 -1000)
- Human CellExp™ GFRA1 /GDNFRA, human recombinant (Cat. No. 7469-10, -50)

FOR RESEARCH USE ONLY! Not to be used on humans.