Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Recombinant Human DJ-1/PARK7 Protein

Catalog No.: RP00042 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	11315	Q99497

Tags
No tag

Synonyms
DJ-1;DJ1;GATD2;HEL-S-67p;PARK7

Product Information

Source	Purification
E. coli	> 90% by SDS-PAGE.

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid votex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

www.abclonal.com

Background

This protein 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.

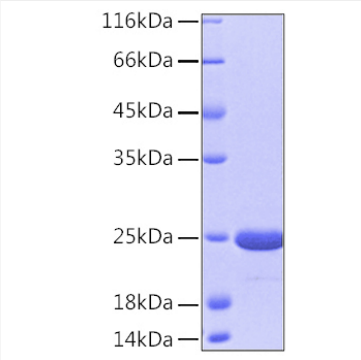
Basic Information

Description
Recombinant Human DJ-1/PARK7 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Asp189) of human PARK7/DJ-1 (Accession #NP_001116849.1).

Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human DJ-1/PARK7 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25 kDa.