

Recombinant Human RPE65 Over-expression Lysate, Myc/DDK-tagged

Cat. No. SPRTN-01HCL Lot. No. (See product label)

SPECIFICATION

Product Overview	Transient overexpression lysate of chromosome 1 open reading frame 124 (C1orf124), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T. Components:
	1 vial of 100 µg gene specific transient over-expression cell lysate in RIPA buffer 1 vial of 100 µg whole HEK293T cell lysate in RIPA buffer 1 vial of 250ul 2xSDS Sample Buffer (4% SDS, 125mM Tris-HCl pH6.8, 10% Glycerol, 0.002% Bromophenol blue, 100mM DTT)
Species	Human
Source	HEK293
Description	The protein encoded by this gene may play a role in DNA repair during replication of damaged DNA. This protein recruits valosin containing protein (p97) to stalled DNA replication forks where it may prevent excessive translesional DNA synthesis and limit the number of DNA-damage induced mutations. It may also be involved in replication-related G2/M-checkpoint regulation. Deficiency of a similar protein in mouse causes chromosomal instability and progeroid phenotypes. Mutations in this gene have been associated with Ruijs-Aalfs syndrome (RJALS). Alternatively spliced transcript variants have been identified.
Molecular Mass	55 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Lysate samples are stable for 12 months from the date of receipt when stored at -80 centigrade.
Storage	Upon receiving, store the sample at -80 centigrade. Also after dilution, the protein sample should be aliquoted and stored at -80 centigrade for long term storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lysate samples can be diluted with 2×SDS Sample Buffer provided.
Shipping	Dry ice.

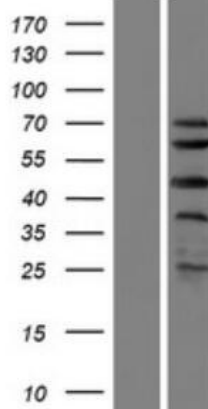
GENE INFORMATION

Gene Name	SPRTN SprT-like N-terminal domain [Homo sapiens (human)]
Official Symbol	SPRTN
Synonyms	SPRTN; SprT-like N-terminal domain; DVC1; PRO4323; spartan; C1orf124; DNA-dependent metalloprotease SPRTN; DNA damage protein targeting VCP; DNA damage-targeting VCP (p97) adaptor; zinc finger RAD18 domain-containing protein
Gene ID	83932
mRNA Refseq	NM_032018
Protein Refseq	NP_114407
MIM	616086
UniProt ID	Q9H040

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA