

Recombinant Human SPRTN

Catalog No: #GP12672



Package Size: #GP12672-1 100ug

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Description

Product Name	Recombinant Human SPRTN
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-243 amino acids of human SPRTN
Target Name	SprT-like N-terminal domain
Other Names	DVC1; PRO4323; spartan; C1orf124
Accession No.	Swissprot:Q9H040Gene Accession:BC015740
Uniprot	Q9H040
GeneID	83932;
Storage	-20~-80°C, pH 7.6 PBS

Background

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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