Recombinant Human Nuclear pore complex protein Nup153(NUP153),partial

Catalog No: #AP70600

Package Size: #AP70600-1 20ug #AP70600-2 100ug #AP70600-3 1mg

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Nuclear pore complex protein Nup153(NUP153),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:657-880aaSequence Info:Partial
Other Names	153KDA nucleoporinNucleoporin Nup153
Accession No.	P49790
Calculated MW	27.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KAGSSWQCDTCLLQNKVTDNKCIACQAAKLSPRDTAKQTGIETPNKSGKTTLSASGTGFGDKFKPVIGTWDC DTCLVQNKPEAIKCVACETPKPGTCVKRALTLTVVSESAETMTASSSSCTVTTGTLGFGDKFKRPIGSWECSV CCVSNNAEDNKCVSCMSEKPGSSVPASSSSTVPVSLPSGGSLGLEKFKKPEGSWDCELCLVQNKADSTKCL ACESAKPG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Component of the nuclear pore complex (NPC), a complex required for the trafficking across the nuclear envelope. Functions as a scaffolding elent in the nuclear phase of the NPC essential for normal nucleoCytoplasmic domain transport of proteins and mRNAs. Involved in the quality control and retention of unspliced mRNAs in the nucleus; in association with TPR, regulates the nuclear export of unspliced mRNA species bearing constitutive transport elent (CTE) in a NXF1- and KHDRBS1-independent manner. Mediates TPR anchoring to the nuclear mbrane at NPC. The repeat-containing domain may be involved in anchoring other components of the NPC to the pore mbrane. Possible DNA-binding subunit of the nuclear pore complex (NPC).

References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Immunology