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Datasheet for ABIN5710031

NUP153 Protein (AA 657-880) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	NUP153
Protein Characteristics:	AA 657-880
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NUP153 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	KAGSSWQCDT CLLQNKVTDN KCIACQAAKL SPRDTAKQTG IETPNKSGKT TLSASGTGFG DKFKPVIPTW DCDTCLVQNK PEAIKCVACE TPKPGTCVKR ALTLTVVSES AETMTASSSS CTVTTGTLGF GDKFKRPIGS WECSVCCVSN NAEDNKCVCSC MSEKPGSSVP ASSSSTVPVS LPSGGSLGLE KFKKPEGSWD CELCLVQNK DSTKCLACES AKPG
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	NUP153
Alternative Name:	NU153 (NUP153 Products)
Background:	Component of the nuclear pore complex (NPC), a complex required for the trafficking across

Target Details

the nuclear envelope. Functions as a scaffolding element in the nuclear phase of the NPC essential for normal nucleocytoplasmic 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 element (CTE) in a NXF1- and KHDRBS1-independent manner. Mediates TPR anchoring to the nuclear membrane at NPC. The repeat-containing domain may be involved in anchoring other components of the NPC to the pore membrane. Possible DNA-binding subunit of the nuclear pore complex (NPC).

Molecular Weight: 27.4 kDa

UniProt: [P49790](#)

Pathways: [Protein targeting to Nucleus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

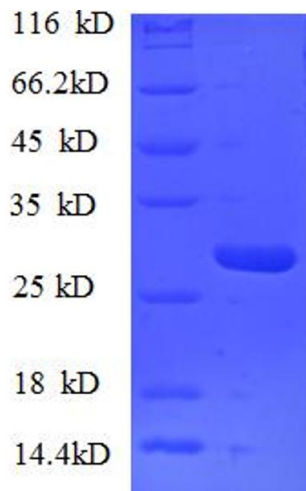
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.