

Recombinant Human NUP153 Protein (657-880 aa), His-tagged

Cat. No. NUP153-695H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP153 Protein (657-880 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	657-880 aa
Description	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).
Form	Tris-based buffer, 50% glycerol
Molecular Mass	27.3 kDa

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AA Sequence	KAGSSWQCDTCLLQNKVTDNKCQAAKLSPRDTAKQTGIETPNKSGKTTLSASG TGFGDKFKPVIGTWDCDTCLVQNKPEAIKCVACETPKPGTCVKRALTLTVSESAET MTASSSSCTVTTGTLGFGDKFKRPIGSWECSVCCVSNNNAEDNKCVCSCMSEKPGSS VPASSSSTVPVSLPSGGSLGLEKFKKPEGSWDCELCLVQNKADSTKCLACESAKPG
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

GENE INFORMATION

Gene Name	NUP153 nucleoporin 153kDa [Homo sapiens]
Official Symbol	NUP153
Synonyms	NUP153; nucleoporin 153kDa; HNUP153; N153;
Gene ID	9972
mRNA Refseq	NM_005124
Protein Refseq	NP_005115

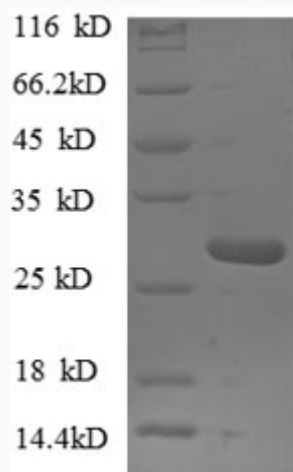
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MIM 603948

UniProt ID P49790



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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