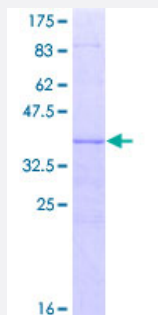


NUP153 (Human) Recombinant Protein (Q01)

Catalog # H00009972-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NUP153 partial ORF (NP_005115.2, 1376 a.a. - 1475 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QQPSQSAFGSGTTPNSSSAFQFGSSTTNFNFTNNSPSGVFTFGANSSTPAASAQPSGSGGFPP NQSPAFTVGSNGKNVFSSSGTSFSGRKIKTAVRRRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (86); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NUP153

Entrez GeneID [9972](#)

GeneBank Accession# [NM_005124](#)

Protein Accession# [NP_005115.2](#)

Gene Name NUP153

Gene Alias HNUP153, N153

Gene Description nucleoporin 153kDa

Omim ID [603948](#)

Gene Ontology [Hyperlink](#)

Gene Summary Nuclear pore complexes are extremely elaborate structures that mediate the regulated movement of macromolecules between the nucleus and cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. Nucleoporins are pore complex-specific glycoproteins characterized by cytoplasmically oriented O-linked N-acetylglucosamine residues and numerous repeats of the pentapeptide sequence XFXFG. The protein encoded by this gene has three distinct domains: a N-terminal region within which a pore targeting domain has been identified, a central region containing multiple zinc finger motifs, and a C-terminal region containing multiple XFXFG repeats. [provided by RefSeq]

Other Designations OTTHUMP00000039309|nuclear pore complex protein hnup153

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)

- [HIV Infections](#)