

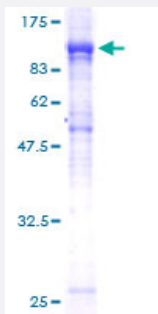
Full-Length

NUP85 (Human) Recombinant Protein (P01)

Catalog # H00079902-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NUP85 full-length ORF (AAH00697, 1 a.a. - 656 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEELDGEPTVTLPVNSKKNQMYFDWGPGEMLVCETSFNKKEKSEMPSCPFMIRKDVDVYS
QILRKLFNESHGIFLGLQRIDEELTGKSRKSQLVRVSKNYRSVIRACMEEMHQVAIAAKDPANGRQ
FSSQVSILSAMELWNLCEILFIEVAPAGPLLLHLLDWVRLHVCEVDSLADVLGSENPSKHDSFW
NLVTILVLQGRLEARQMLSKEADASPASAGICRIMGDLMTMPILSPGNTQTLTELELKWQHWHE
ECERYLQDSTFATSPHLESLLKIMLGDEAALLEQKELLSNWHYFLVTRLLYSNPTVKPIDLHYAQS
SLDLFLGGESSPEPLDNILLAAFEFDIHQVKECSIALSNWWFVAHLTDLLDHCKLLQSHNLYFGSN
MREFLLLEYASGLFAHPSLWQLGVDYFDYCEPGLGRVSLHIERIPLNTEQKALKVLRICEQRQMT
EQVRSICKILAMKAVRNRLGSALSWSIRAKDAAFATLVSDRFLRDYCEGCFSDLDLIDNLGPAM
MLSDRLTFLGKYREFHRMYGEKRFADAASLLLSLMTSRIAPRSFWMTLLTDALPLLEQKQVIFSAE
QTYELMRCLEDLTSRRPVHGESDTEQLQDDDIETTKVEMLRSLARNLARAIIREGSLEGS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.9

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 — NUP85

Entrez GeneID	79902
GeneBank Accession#	BC000697
Protein Accession#	AAH00697
Gene Name	NUP85
Gene Alias	FLJ12549, Nup75
Gene Description	nucleoporin 85kDa
Omim ID	170285
Gene Ontology	Hyperlink
Gene Summary	Bidirectional transport of macromolecules between the cytoplasm and nucleus occurs through nuclear pore complexes (NPCs) embedded in the nuclear envelope. NPCs are composed of subcomplexes, and NUP85 is part of one such subcomplex, Nup107-160. [provided by RefSeq]
Other Designations	frount nucleoporin 85 nucleoporin Nup75

Disease

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