

## Product datasheet for TP310581

### NUP62 (NM\_016553) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nucleoporin 62kDa (NUP62), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210581 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSGFNFGGTGAPTGGFTFGTAKTATTTTPATGFSFSTSGTGGFNFGAPFQPATSTPSTGLFSLATQTPATQ  
TTGFTFGTATLASGGTGFSLGIGASKLNLSNTAATPAMANPSGFGLGSSNLTAISSTVTSSQGTAPTGF  
VFGPSTTSVAPATTSGGFSFTGGSTAQPSGFNIGSAGNSAQPTAPATLPFTPATPAATTAGATQPAAPT  
TATITSTGPSLFASIATAPTSSATTGLSLCTPVTTAGAPTAGTQGFSLKAPGAASGTSTTSTAATATAT  
TTTSSSTTGFA LNKLAPAGIPSNTAAAVTAPPGPGAAAAGAAASSAMTYAQLES LINKWSLELEDQERH  
FLQQATQVNAWDRTLIENGEKITS LHREVEKVKLDQKRLDQELDFILSQQKELEDLLSPLEELVKEQSGT  
IYLQHADEEREKTYKLAENIDAQLKRMAQDLKDIIHLNTSGAPADTSDPLQ QICKILNAHMDSLQWIDQ  
NSALLQRKVEEVTKVCEGRRKEQERSFRITFD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	53.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



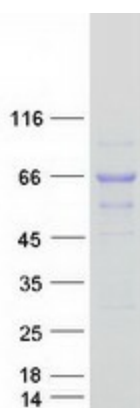
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RefSeq:	<a href="#">NP_057637</a>
Locus ID:	23636
UniProt ID:	<a href="#">P37198</a> , <a href="#">A0A024QZF1</a>
RefSeq Size:	3602
Cytogenetics:	19q13.33
RefSeq ORF:	1566
Synonyms:	IBSN; p62; SNDI

**Summary:** The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a member of the FG-repeat containing nucleoporins and is localized to the nuclear pore central plug. This protein associates with the importin alpha/beta complex which is involved in the import of proteins containing nuclear localization signals. Multiple transcript variants of this gene encode a single protein isoform. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified NUP62 protein (Cat# TP310581). The protein was produced from HEK293T cells transfected with NUP62 cDNA clone (Cat# [RC210581]) using MegaTran 2.0 (Cat# [TT210002]).