

## Product datasheet for PH310581

### NUP62 (NM\_016553) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUP62 MS Standard C13 and N15-labeled recombinant protein (NP_057637)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210581
Predicted MW:	53.3 kDa
Protein Sequence:	>RC210581 protein sequence Red=Cloning site Green=Tags(s)

MSGFNFGGTGAPTGGFTFGTAKTATTTTPATGFSFSTSGTGGFNGGAPFQPATSTPSTGLFSLATQTPATQ  
TTGFTFGTATLASGGTGFSLGIGASKLNLNNTAATPAMANPSGFGLGSSNLNNAISSTVTSSQGTAPTGF  
VFGPSTTSVAPATTSSGGFSFTGGSTAQPSGFNIGSAGNSAQPTAPATLPFTPATPAATTAGATQPAAPT  
TATITSTGPSLFAFIATAPTSSATTGLSLCTPVTTAGAPTAGTQGFSLKAPGAASGTSTTTSTAATATAT  
TTTSSSTTGAFALNKPLAPAGIPSNTAAAVTAPPGPAAAAGAAAASSAMTYAQLESINKWSLELEDQERH  
FLQQATQVNAWDRTLIEENGEKITSLHREVEKVKLDQKRLDQELDFILSQKLELDLLSPLLEELVKEQSGT  
IYLQHADEEREKTYKLAENIDAQLKRMADLKDIEHLNTSGAPADTSDPLQQICKILNAHMDSLQWIDQ  
NSALLQRKVEEVTKVCEGRRKEQERSFRITFD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057637</a>
RefSeq Size:	3602
RefSeq ORF:	1566



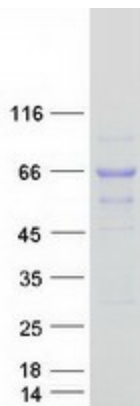
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**Synonyms:** IBSN; p62; SNDI  
**Locus ID:** 23636  
**UniProt ID:** [P37198](#), [A0A024QZF1](#)  
**Cytogenetics:** 19q13.33

**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]).