# Recombinant Human NUP62 Protein, His-tagged

**Cat. No.** NUP62-471H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human NUP62, transcript variant 1, fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **Description** | 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. |
| **Form** | 25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1 % Sarkosyl. |
| **Molecular Mass** | 53.3 kDa |
| **Purity** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Concentration** | >50 ug/mL as determined by microplate BCA method |

## GENE INFORMATION

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| **Gene Name** | NUP62 nucleoporin 62kDa [ Homo sapiens ] |
| **Official Symbol** | NUP62 |
| **Synonyms** | NUP62; nucleoporin 62kDa; nucleoporin 62kD; nuclear pore glycoprotein p62; DKFZp547L134; FLJ20822; FLJ43869; IBSN; MGC841; p62; SNDI; nucleoporin Nup62; 62 kDa nucleoporin; |
| **Gene ID** | 23636 |
| **mRNA Refseq** | NM_001193357 |
| **Protein Refseq** | NP_001180286 |
| **MIM** | 605815 |
| **UniProt ID** | P37198 |

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