

Recombinant Human NUP62, GST-tagged

Cat. No. NUP62-844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUP62(423 a.a. - 522 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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.
Molecular Mass	36.74 kDa
AA Sequence	LQHADEEREKTYKLAENIDAQLKRMAQDLKDIIHLNTSGAPADTSDPLQQICKILNA HMDSLQWIDQNSALLQR KVEEVTKVCEGRRKEQERSFRITFD
Applications	ELISA; WB-Re; AP; Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	NUP62 nucleoporin 62kDa [Homo sapiens (human)]
Official Symbol	NUP62
Synonyms	NUP62; p62; IBSN; SNDI; nucleoporin 62kDa; nuclear pore glycoprotein p62; nucleoporin Nup62; 62 kDa nucleoporin
Gene ID	23636
mRNA Refseq	NM_153719
Protein Refseq	NP_714941
MIM	605815
UniProt ID	P37198
Chromosome Location	19q13.33
Pathway	Antiviral mechanism by IFN-stimulated genes; Cytokine Signaling in Immune system; Export of Viral Ribonucleoproteins from Nucleus
Function	PTB domain binding; contributes_to nucleocytoplasmic transporter activity; receptor signaling complex scaffold activity

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