

Recombinant Human NUP62, His-tagged

Cat. No. NUP62-843H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NUP62 Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 54,626 Dalton. NUP62 is expressed with a - 10x His tag at N-terminus and purified by proprietary chromatographic techniques.
Species	Human
Source	Sf9 Cells
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	Sterile Filtered clear solution. NUP62 is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.
Purity	Greater than 80% as determined by SDS-PAGE.
Applications	Western blot with:a) Polyclonal anti-Nup62 antibodies.b) Monoclonal anti-hexa-His-tag antibody.

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Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Stability	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.
Concentration	0.5-1.0 µg/ml (depending on the type of ELISA plate and coating buffer). Suitable for labeling of functional groups.

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_001193357
Protein Refseq	NP_001180286
MIM	605815
UniProt ID	P37198
Chromosome Location	19q13.33

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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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