

Recombinant Human NUP62 protein, T7-tagged

Cat. No. NUP62-147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NUP62 (522aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	522 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFGSTMSGFNFGGTGAPTGGFTFGTAKTATTTTPATGFSFS TSGTGGFNFGAPFQPATSTPS TGLFSLATQTPATQTTGFTFGTATLASGGTGFSGLI GASKLNLSNTAATPAMANPSGFGLGSSNLTNAISSTVTS SQGTAPTGFVFGPSTTS VAPATTSGGFSFTGGSTAQPSGFNIGSAGNSAQPTAPATLPFTPATPAATTAGATQP A APTPTATITSTGPSLFIASIAAPTSSATTGLSLCTPVTTAGAPTAGTQGFSCLKAPGA ASGTSTTTSTAATATATT TSSSSTTG FALNLKPLAPAGIPSN TAAAVTAPPGPGAAA GAAASSAMTYAQLES LINKWSLELEDQERHFLQQAT QVNAWDRTLIENGEKITSLH REVEKVKLDQKRLDQELDFILSQQKELEDLLSPLEELVKEQSGTIY LQHAEERE KT YKLAENIDAQLKRMAQDLKDII EHLNTSGAPADTSDPLQQICKILNAHMDSLQWIDQN SALLQRKVEEVTKVC EGRRKEQERSFRITFD
Purity	>90% by SDS-PAGE

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Applications

1. May be used for in vitro NUP62 mediated cytoplasmic protein nuclei transportation regulation study with intracellular delivery of this protein. 2. As soluble / native protein, may be used as enzymatic substrate protein for kinase and ubiquitin assay development. 3. May be used for mapping NUP62 protein-protein interaction. 4. May be used as antigen for specific antibody development.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

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](#)

Chromosome Location 19

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Pathway

Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; Disease, organism-specific biosystem; Export of Viral Ribonucleoproteins from Nucleus, organism-specific biosystem; Gene Expression, organism-specific biosystem; Glucose transport, organism-specific biosystem; HIV Infection, organism-specific biosystem;

Function

PTB domain binding; SH2 domain binding; SH2 domain binding; chromatin binding; contributes_to nucleocytoplasmic transporter activity; protein binding; receptor signaling complex scaffold activity; receptor signaling complex scaffold activity; structural c

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