

Recombinant Human NUP62 cell lysate

Cat. No. NUP62-1233HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NUP62 nucleoporin 62kDa [Homo sapiens]
Official Symbol	NUP62

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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
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 constituent of nuclear pore; thyroid hormone receptor binding; thyroid hormone receptor binding; ubiquitin binding; ubiquitin binding;