

## Recombinant Human NUP54 cell lysate

Cat. No. NUP54-1232HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

The nuclear envelope creates distinct nuclear and cytoplasmic compartments in eukaryotic cells. It consists of two concentric membranes perforated by nuclear pores, large protein complexes that form aqueous channels to regulate the flow of macromolecules between the nucleus and the cytoplasm. These complexes are composed of at least 100 different polypeptide subunits, many of which belong to the nucleoporin family. This gene encodes a member of the phe-gly (FG) repeat-containing nucleoporin subset.

**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**

NUP54 nucleoporin 54kDa [ Homo sapiens ]

**Official Symbol**

NUP54

**Synonyms**

NUP54; nucleoporin 54kDa; nucleoporin 54kD; nucleoporin p54; 54 kDa nucleoporin; MGC13407;

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<b>Gene ID</b>	53371
<b>mRNA Refseq</b>	NM_017426
<b>Protein Refseq</b>	NP_059122
<b>MIM</b>	607607
<b>UniProt ID</b>	Q7Z3B4
<b>Chromosome Location</b>	4q21.1
<b>Pathway</b>	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;
<b>Function</b>	nucleocytoplasmic transporter activity;

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