

## Recombinant Human NUP50, GST-tagged

**Cat. No.** NUP50-1418H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NUP50 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| <b>Species</b>          | Human                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                            |
| <b>ProteinLength</b>    | C-300aa                                                                                                                                                           |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                 |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | NUP50 nucleoporin 50kDa [ Homo sapiens ]                                                                                                                                                        |
| <b>Official Symbol</b> | NUP50                                                                                                                                                                                           |
| <b>Synonyms</b>        | NUP50; nucleoporin 50kDa; NPAP60L, nucleoporin 50kD; nuclear pore complex protein Nup50; nucleoporin Nup50; 50 kDa nucleoporin; nuclear pore-associated protein 60L; NPAP60; NPAP60L; MGC39961; |

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|                            |                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 10762                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_007172                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_009103                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MIM</b>                 | 604646                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>UniProt ID</b>          | Q9UKX7                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Chromosome Location</b> | 22q13.3                                                                                                                                                                                                                                                                                                                                                                                                   |
| <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>            | protein binding;                                                                                                                                                                                                                                                                                                                                                                                          |

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