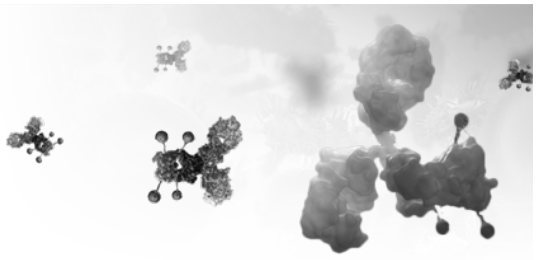

Human NUP50 peptide (DAG-P0985)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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 that functions as a soluble cofactor in importin-alpha:beta-mediated nuclear protein import. Pseudogenes of this gene are found on chromosomes 5, 6, and 14. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Specificity	Ubiquitous. Highest levels in testis, peripheral blood leukocytes and fetal liver.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 RanBD1 domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	NUP50 nucleoporin 50kDa [Homo sapiens (human)]
Official Symbol	NUP50
Synonyms	NUP50; nucleoporin 50kDa; NPAP60; NPAP60L; nuclear pore complex protein Nup50; nucleoporin Nup50; 50 kDa nucleoporin; nuclear pore-associated protein 60L;
Entrez Gene ID	10762

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mRNA Refseq	NM_007172.3
Protein Refseq	NP_009103.2
UniProt ID	Q9UKX7
Chromosome Location	22q13.31
Pathway	Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, 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; HIV Life Cycle,
Function	protein binding;

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