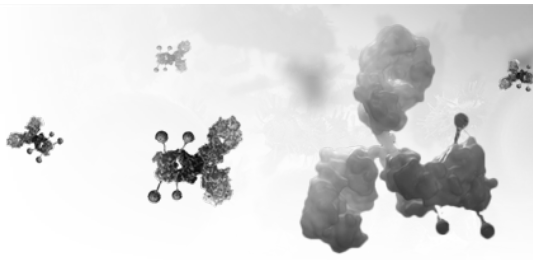

Human XPO1 blocking peptide (DAG-P1485)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene mediates leucine-rich nuclear export signal (NES)-dependent protein transport. Exportin 1 specifically inhibits the nuclear export of Rev and U snRNAs. It is involved in the control of several cellular processes by controlling the localization of cyclin B, MPAK, and MAPKAP kinase 2. This protein also regulates NFAT and AP-1. [provided by RefSeq, Jul 2008]
Specificity	Expressed in heart, brain, placenta, lung, liver, skeletal muscle, pancreas, spleen, thymus, prostate, testis, ovary, small intestine, colon and peripheral blood leukocytes. Not expressed in the kidney.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Belongs to the exportin family.Contains 10 HEAT repeats.Contains 1 importin N-terminal 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. Information available upon request.

GENE INFORMATION

Gene Name	XPO1 exportin 1 [Homo sapiens (human)]
Official Symbol	XPO1
Synonyms	XPO1; exportin 1; emb; CRM1; exp1; exportin-1; CRM1, yeast, homolog; exportin 1 (CRM1

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	homolog, yeast); chromosome region maintenance 1 homolog; chromosome region maintenance 1 protein homolog; exportin-1 (required for chromosome region maintenance);
Entrez Gene ID	7514
mRNA Refseq	NM_003400.3
Protein Refseq	NP_003391.1
UniProt ID	B3KWD0
Chromosome Location	2p15
Pathway	Canonical NF-kappaB pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Cyclin A/B1 associated events during G2/M transition, organism-specific biosystem; Disease, organism-specific biosystem; Downregulation of TGF-beta receptor signaling, organism-specific biosystem; Epstein-Barr virus infection, organism-specific biosystem; Epstein-Barr virus infection, conserved biosystem; Export of Viral Ribonucleoproteins from Nucl
Function	RNA binding; Ran GTPase binding; protein binding; protein domain specific binding; protein transporter activity; transporter activity;

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