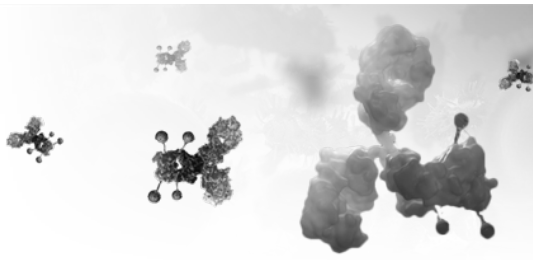

ATP11B blocking peptide (CDBP5130)

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

PRODUCT INFORMATION

Antigen Description	P-type ATPases, such as ATP11B, are phosphorylated in their intermediate state and drive uphill transport of ions across membranes. Several subfamilies of P-type ATPases have been identified. One subfamily transports heavy metal ions, such as Cu(2+) or Cd(2+). Another subfamily transports non-heavy metal ions, such as H(+), Na(+), K(+), or Ca(+). A third subfamily transports amphipaths, such as phosphatidylserine.[supplied by OMIM, Feb 2005]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	ATP11B ATPase, class VI, type 11B [Homo sapiens (human)]
Official Symbol	ATP11B
Synonyms	ATP11B; ATPase, class VI, type 11B; ATPIF; ATPIR; probable phospholipid-transporting ATPase IF; ATPase IR; truncated ATPase 11B protein; P4-ATPase flippase complex alpha subunit ATP11B
Entrez Gene ID	23200

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mRNA Refseq	NM_014616
Protein Refseq	NP_055431
UniProt ID	Q9Y2G3
Pathway	Ion channel transport; Ion transport by P-type ATPases; Transmembrane transport of small molecules
Function	ATP binding; cation-transporting ATPase activity; ion transmembrane transporter activity; magnesium ion binding; phospholipid-translocating ATPase activity; protein binding

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