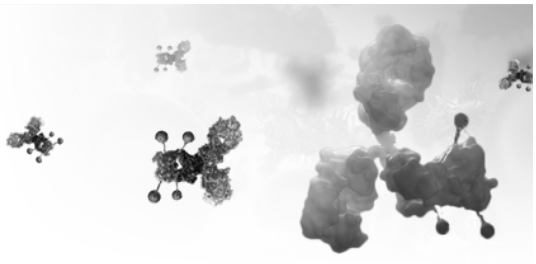

Human CUBN peptide (DAG-P0370)

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

PRODUCT INFORMATION

Antigen Description	Cubilin (CUBN) acts as a receptor for intrinsic factor-vitamin B12 complexes. The role of receptor is supported by the presence of 27 CUB domains. Cubulin is located within the epithelium of intestine and kidney. Mutations in CUBN may play a role in autosomal recessive megaloblastic anemia. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	CUBN cubilin (intrinsic factor-cobalamin receptor) [Homo sapiens (human)]
Official Symbol	CUBN
Synonyms	CUBN; cubilin (intrinsic factor-cobalamin receptor); IFCR; MGA1; gp280; cubilin; 460 kDa receptor; cubilin precursor variant 1; cubilin precursor variant 2; intestinal intrinsic factor receptor; intrinsic factor-vitamin B12 receptor;
Entrez Gene ID	8029
mRNA Refseq	NM_001081.3
Protein Refseq	NP_001072.2

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

UniProt ID	O60494
Chromosome Location	10p12.31
Pathway	Cobalamin (Cbl, vitamin B12) transport and metabolism, organism-specific biosystem; Defective AMN causes hereditary megaloblastic anemia 1, organism-specific biosystem; Defective BTD causes biotidinase deficiency, organism-specific biosystem; Defective CD320 causes methylmalonic aciduria, organism-specific biosystem; Defective CUBN causes hereditary megaloblastic anemia 1, organism-specific biosystem; Defective GIF causes intrinsic factor deficiency, organism-specific biosystem; Defective HLCS c
Function	calcium ion binding; cobalamin binding; protein binding; protein homodimerization activity; receptor activity; transporter activity;

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