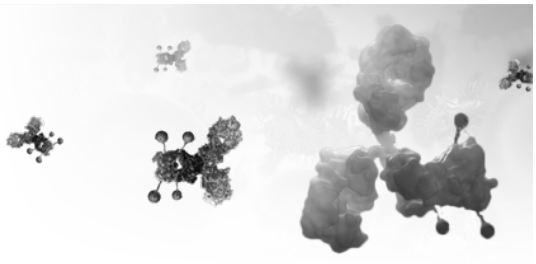

Human UBR1 peptide (DAG-P1281)

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

PRODUCT INFORMATION

Antigen Description	The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome. [provided by RefSeq, Jul 2008]
Specificity	Broadly expressed, with highest levels in skeletal muscle, kidney and pancreas. Present in acinar cells of the pancreas (at protein level).
Conjugate	Unconjugated
Sequence Similarities	Belongs to the UBR1 family.Contains 1 RING-type zinc finger.Contains 1 UBR-type zinc finger.
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	UBR1 ubiquitin protein ligase E3 component n-recognin 1 [Homo sapiens (human)]
Official Symbol	UBR1
Synonyms	UBR1; ubiquitin protein ligase E3 component n-recognin 1; JBS; E3 ubiquitin-protein ligase UBR1; E3a ligase; N-recognin-1; ubiquitin ligase E3 alpha-I; ubiquitin-protein ligase E3-alpha; ubiquitin-protein ligase E3-alpha-1; ubiquitin-protein ligase E3-alpha-I;

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Entrez Gene ID	197131
mRNA Refseq	NM_174916.2
Protein Refseq	NP_777576.1
UniProt ID	Q8IWV7
Chromosome Location	15q13
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing and presentation, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	leucine binding; ubiquitin-protein ligase activity; zinc ion binding;

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