



Human RNF8 peptide (DAG-P1133)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene contains a RING finger motif and an FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. This protein is also known to play a role in the DNA damage response and depletion of this protein causes cell growth inhibition and cell cycle arrest. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]
Specificity	Ubiquitous. In fetal tissues, highest expression in brain, thymus and liver. In adult tissues, highest levels in brain and testis, lowest levels in peripheral blood cells.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the RNF8 family. Contains 1 FHA domain. Contains 1 RING-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.

GENE INFORMATION

Gene Name	RNF8 ring finger protein 8, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	RNF8
Synonyms	RNF8; ring finger protein 8, E3 ubiquitin protein ligase; hRNF8; E3 ubiquitin-protein ligase RNF8; C3HC4-type zinc finger protein; ring finger protein (C3HC4 type) 8; UBC13/UEV-interacting ring finger protein;

Entrez Gene ID	9025
mRNA Refseq	NM_003958.3
Protein Refseq	NP_003949.1
UniProt ID	O76064
Chromosome Location	6p21.3
Function	chromatin binding; histone binding; protein binding; protein homodimerization activity; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; zinc ion binding;