



Human UBE2J1 peptide (DAG-P1256)

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

PRODUCT INFORMATION

Antigen Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is located in the membrane of the endoplasmic reticulum (ER) and may contribute to quality control ER-associated degradation by the ubiquitin-proteasome system. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ubiquitin-conjugating enzyme family.
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	UBE2J1 ubiquitin-conjugating enzyme E2, J1 [Homo sapiens (human)]
Official Symbol	UBE2J1
Synonyms	UBE2J1; ubiquitin-conjugating enzyme E2, J1; UBC6; Ubc6p; CGI-76; NCUBE1; HSPC153; HSPC205; NCUBE-1; HSU93243; ubiquitin-conjugating enzyme E2 J1; HSUBC6e; ubiquitin-conjugating enzyme E2, J1, U; non-canonical ubiquitin-conjugating enzyme 1; yeast ubiquitin-conjugating enzyme UBC6 homolog E; ubiquitin-conjugating enzyme E2, J1 (UBC6 homolog, yeast);

Entrez Gene ID	51465
mRNA Refseq	NM_016021.2
Protein Refseq	NP_057105.2
UniProt ID	Q9Y385
Chromosome Location	6q15
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; Parkin-Ubiquitin Proteasomal System pathway, organism-specific biosystem; Parkinsons disease, organism-specific biosystem; Parkinsons Disease Pathway, organism-specific biosystem; Protein processing in endoplasmic reticulum,
Function	ATP binding; ubiquitin-protein ligase activity;