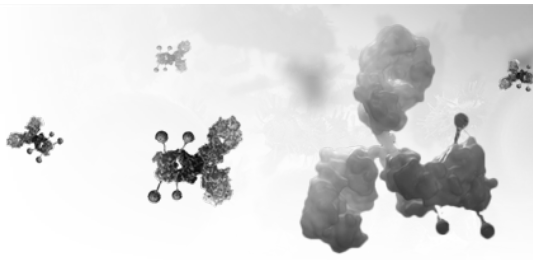

Human ETF1 peptide (DAG-P1594)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a class-1 polypeptide chain release factor. The encoded protein plays an essential role in directing termination of mRNA translation from the termination codons UAA, UAG and UGA. This protein is a component of the SURF complex which promotes degradation of prematurely terminated mRNAs via the mechanism of nonsense-mediated mRNA decay (NMD). Alternate splicing results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 6, 7, and X. [provided by RefSeq, Aug 2013]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the eukaryotic release factor 1 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	ETF1 eukaryotic translation termination factor 1 [Homo sapiens (human)]
Official Symbol	ETF1
Synonyms	ETF1; eukaryotic translation termination factor 1; ERF; RF1; ERF1; TB3-1; D5S1995; SUP45L1; eukaryotic peptide chain release factor subunit 1; protein Cl1; polypeptide chain release factor 1; sup45 (yeast omnipotent suppressor 45) homolog-like 1;
Entrez Gene ID	2107
mRNA Refseq	NM_001256302.1

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Protein Refseq	NP_001243231.1
UniProt ID	Q96CG1
Chromosome Location	5q31.1
Pathway	Eukaryotic Translation Termination, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Nonsense Mediated Decay Enhanced by the Exon Junction Complex, organism-specific biosystem; Nonsense Mediated Decay Independent of the Exon Junction Complex, organism-specific biosystem; Nonsense-Mediated Decay, organism-specific biosystem; Translation, organism-specific biosystem; Translation Factors, organism-specific biosystem; mRN
Function	RNA binding; poly(A) RNA binding; protein binding; ribosome binding; translation release factor activity; translation release factor activity, codon specific; translation termination factor activity;

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