



Human NHEJ1 peptide (DAG-P1297)

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

PRODUCT INFORMATION

Antigen Description	Double-strand breaks in DNA result from genotoxic stresses and are among the most damaging of DNA lesions. This gene encodes a DNA repair factor essential for the nonhomologous end-joining pathway, which preferentially mediates repair of double-stranded breaks. Mutations in this gene cause different kinds of severe combined immunodeficiency disorders. [provided by RefSeq, Jul 2008]
Specificity	Ubiquitously expressed.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the XLF 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	NHEJ1 nonhomologous end-joining factor 1 [Homo sapiens (human)]
Official Symbol	NHEJ1
Synonyms	NHEJ1; nonhomologous end-joining factor 1; XLF; non-homologous end-joining factor 1; XRCC4-like factor; protein cernunnos;
Entrez Gene ID	79840
mRNA Refseq	NM_024782.2

Protein Refseq	NP_079058.1
UniProt ID	Q9H9Q4
Chromosome Location	2q35
Pathway	Non-homologous end joining, organism-specific biosystem; Non-homologous end-joining, organism-specific biosystem; Non-homologous end-joining, conserved biosystem;
Function	DNA binding; protein binding;