



Bacteriophage P1 cre peptide (DAG-P2072)

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

PRODUCT INFORMATION

Antigen Description	Cre-recombinase is a 38 kDa DNA recombinase derived from the P1 bacteriophage. It is highly specific for a 34 bp DNA sequence (loxP) found in P1 DNA. It catalyzes site-specific recombination between two 34-base-pair LOXP sites. Its role is to maintain the phage genome as a monomeric unit-copy plasmid in the lysogenic state. It is homotetramer when bound to DNA and belongs to the "phage" integrase family.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	cre cyclization recombinase [Enterobacteria phage P1]
Synonyms	Cre;
Entrez Gene ID	2777477
UniProt ID	P06956