

Site-specific recombinase Flp (FLP1) Recombinant Protein | FLP1 recombinant protein

Recombinant *Saccharomyces cerevisiae* Site-specific recombinase Flp (FLP1)

CATALOG # AAA18624	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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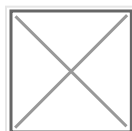
PRODUCT SYNONYMS

Site-specific recombinase Flp (FLP1); Recombinant *Saccharomyces cerevisiae* Site-specific recombinase Flp (FLP1); Site-specific recombinase Flp; FLP; Protein Able; FLP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-423aa; Full Length Protein
Sequence	MPQFGILCKT PPKVLVRQFV ERFERPSGEK IALCAAELTY LCWMITHNGT AIKRATFMSY NTIISNSLSF DIVNKSLLQFK YKTQKATILE ASLKKLIPAW EFTIIPYYGQ KHQSDITDIV SSLQLQFESS EEADKGNSHS KKMLKALLSE GESIWEITEK ILNSFEYTSR FTKTKTLYQF LFLATFINCG RFSDIKNVDP KSFKLVQNKY LGVIIQCLVT ETKTSVSRHI YFFSARGRID PLVYLDEFLR NSEPVLKRVN RTGNSSSNKQ EYQLLKDNLV RSYNKALKKN APYSIFAIRN GPKSHIGRHL MTSFLSMKGL TELTNVVGWV SDKRASAVAR TTYTHQITAI PDHYFALVSR YYAYDPISKE MIALKDETNP IEEWQHIEQL KGSAEGSIRY PAWNGIISQE VLDYLSSYIN RRI
Species	<i>Saccharomyces cerevisiae</i> (strain 204508 / S288c) (Baker's yeast)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FLP1 recombinant protein	Part of the plasmid amplification system, which corrects any decrease in copy number caused by a rare missegregation event. Catalyzes the recombination between the large inverted repetitions of the 2-micron plasmid during plasmid replication. This recombination event changes the direction of one of the two replication forks in the bidirectionally replicating molecule, effectively resulting in multiple rounds of replication from a single initiation event. Binds specifically to the FLP recognition target (FRT) site where it induces DNA to bend. Three types of bend exist. Type I is approximately 60 degrees and results from 1 FLP molecule binding to 1 symmetry element. Type II is >144 degrees and results from FLP molecules binding to symmetry elements a and b. Type III is approximately 65 degrees and results from FLP molecules binding to symmetry elements b and c.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11466068
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NCBI Accession #	NP_040488.1
NCBI GenBank Nucleotide #	NC_001398.1
UniProt Accession #	P03870
Molecular Weight	54.1 kDa
NCBI Official Full Name	recombinase (FLP)
UniProt Protein Name	Site-specific recombinase Flp
UniProt Gene Name	FLP1
UniProt Synonym Gene Names	FLP
UniProt Entry Name	FLP_YEAST

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/flp1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18624>