

Recombination protein uvsY (uvsY) Recombinant Protein | uvsY recombinant protein

Recombinant Enterobacteria phage T4 Recombination protein uvsY (uvsY)

CATALOG # AAA18553	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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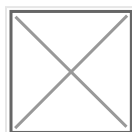
PRODUCT SYNONYMS

Recombination protein uvsY (uvsY); Recombinant Enterobacteria phage T4 Recombination protein uvsY (uvsY); Enterobacteria phage T4 (Bacteriophage T4); uvsY 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	1-137aa; Full Length
Sequence	MRLEDLQEEL KKDVFIDSTK LQYEAANNVM LYSKWLNKHS SIKKEMLRIE AQKKVALKAR LDYYSGRGDG DEFMSMDRYEK SEMKTVLSAD KDVLKVDTSL QYWGILLDFC SGALDAIKSR GFAIKHIQDM RAFEAGK
Species	Enterobacteria phage T4 (Bacteriophage T4)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for uvsY recombinant protein	Plays a role in viral DNA synthesis by promoting enzymatic activities of UvsX recombinase, by promoting UvsX-ssDNA filament assembly, and by helping UvsX to displace bound gp32 from ssDNA.
References	"Two bacteriophage T4 base plate genes (25 and 26) and the DNA repair gene uvsY belong to spatially and temporally overlapping transcription units." Gruidl M.E., Chen T.C., Gargano S., Storlazzi A., Cascino A., Mosig G. Virology 184:359-369(1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	9998940
NCBI GeneID	1258547
NCBI Accession #	NP_049799.2
NCBI GenBank Nucleotide #	NC_000866.4
UniProt Accession #	P04537
Molecular Weight	31.8 kDa

NCBI Official Full Name	UvsY recombination, repair and ssDNA binding protein
NCBI Official Symbol	uvyY
NCBI Official Synonym Symbols	fdsB
NCBI Protein Information	recombination protein; facilitates UvsX and inhibitor of EndoVII
UniProt Protein Name	Recombination protein uvyY
UniProt Gene Name	uvyY
UniProt Entry Name	UVSY_BPT4

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/uvsy-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18553>