Recombinant Enterobacteria Phage T4 UVSX Protein (1-391 aa), His-SUMO-tagged

Cat. No. UVSX-1915E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Enterobacteria Phage T4 (Bacteriophage T4) UVSX Protein (1-391 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length.
Species	Enterobacteria Phage T4
Source	E.coli
ProteinLength	1-391 aa
Description	Important in genetic recombination, DNA repair, and replication. Possesses pairing and strand-transfer activity. Interacts with dda and gene 32 proteins.
Form	Tris-based buffer,50% glycerol
Molecular Mass	60.0 kDa
AA Sequence	MSDLKSRLIKASTSKLTAELTASKFFNEKDVVRTKIPMMNIALSGEITGGMQSGLLILA GPSKSFKSNFGLTMVSSYMRQYPDAVCLFYDSEFGITPAYLRSMGVDPERVIHTPV QSLEQLRIDMVNQLDAIERGEKVVVFIDSLGNLASKKETEDALNEKVVSDMTRAKTM KSLFRIVTPYFSTKNIPCIAINHTYETQEMFSKTVMGGGTGPMYSADTVFIIGKRQIKD GSDLQGYQFVLNVEKSRTVKEKSKFFIDVKFDGGIDPYSGLLDMALELGFVVKPKNG WYAREFLDEETGEMIREEKSWRAKDTNCTTFWGPLFKHQPFRDAIKRAYQLGAIDS NEIVEAEVDELINSKVEKFKSPESKSKSAADLETDLEQLSDMEEFNE

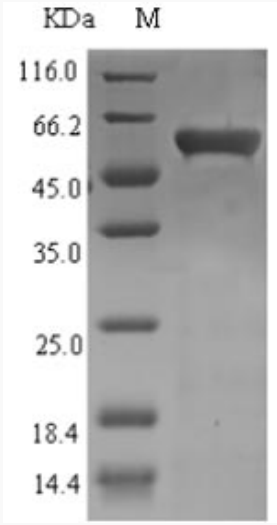
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	uvsX UvsX RecA-like recombination protein [Escherichia virus T4]
Official Symbol	UVSX
Synonyms	UVSX; fdsA;
Gene ID	1258704
Protein Refseq	NP_049656
UniProt ID	P04529

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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