

Recombinant Mouse Uvssa Protein, Myc/DDK-tagged

Cat. No. Uvssa-6887M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length UV stimulated scaffold protein A (Uvssa), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	<p>Factor involved in transcription-coupled nucleotide excision repair (TC-NER) in response to UV damage. TC-NER allows RNA polymerase II-blocking lesions to be rapidly removed from the transcribed strand of active genes. Acts by promoting stabilization of ERCC6 by recruiting deubiquitinating enzyme USP7 to TC-NER complexes, preventing UV-induced degradation of ERCC6 by the proteasome. Interacts with the elongating form of RNA polymerase II (RNA pol Ilo) and facilitates its ubiquitination at UV damage sites, leading to promote RNA pol Ilo backtracking to allow access to the nucleotide excision repair machinery. Not involved in processing oxidative damage.</p>
Molecular Mass	81.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name *Uvssa* UV stimulated scaffold protein A [*Mus musculus* (house mouse)]

Official Symbol *Uvssa*

Synonyms *Uvssa*; UV stimulated scaffold protein A; *Kiaa1530*; *mKIAA1530*; 4933407H18Rik; D330017J19Rik; UV-stimulated scaffold protein A

Gene ID 71101

mRNA Refseq NM_001081101

Protein Refseq NP_001074570

UniProt ID Q9D479

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