

Product datasheet for **TP518039**

Uvssa (NM_001081101) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse UV stimulated scaffold protein A (Uvssa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR218039 protein sequence
Red=Cloning site **Green**=Tags(s)

MDQKLSQLIEELTTSGESQLNAQKMKELKKICKSSEEQLSHAYRLLITQLTQGHAEIRLSAFQIVDELFT
RSHQFRMLLVSDQEFLELTGTDSRPLPPPREAAQLRQAAMQAVEGWNEKFGQAYKKLALGYHFLKH
TKKVDFRDINVRTVAERKREEEKQKHLDKIHRESADRAKREMEEMYDEIECCLTEVENCFKLLVPLDFVP
CPEDKFFGEASSMTEGYAPCPLSPDLATPRESGLSGPQDEEQCCSKDLVASAYHVGSVVGLKALPQTAM
KDSSRDEDEPSDPDDFLRSHGLGSHKYTL DVEVPSDGLKVQENEDNLAVLHAARDSLKLIQNKFLPTVCS
WVQRFRAGTYS AHLKQ AIDLKMELELALKKYEELNIEPGRGQRSRTEALDESEDEDQDFVEVPEKEGYE
PRIPDHLRAEYGLEPKAPLKTLEKGTAVCKLQERTRMRREEEASDPTSAQAQMLRLQDCLSSPSPSSTRV
LPGPEEAQKQAERARAPIVPGVDLCYWGQEQLTAGKILKSDSQHRFWKPSEVEEVD SAHVSEMLHSRH
ITFSGTFEPVQHKCRALRPNGRLCERQDRLKCPFHGKIIPRDDKGQPLNPEDRAREQRQQLQRQQAHPDW
QDPEFLKDVEAATGVDLGSSSRSSKKGKGGKGGKHPNLTDLRERTNTARARLEKKVFAKAAVQRVVAAMNQM
DQKKHEKFANQFNALK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 81.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001074570
Locus ID:	71101
UniProt ID:	Q9D479
RefSeq Size:	7343
Cytogenetics:	5 B1
RefSeq ORF:	2154
Synonyms:	4933407H18Rik; D330017J19Rik; Kiaa1530; mKIAA1530
Summary:	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 IIo) and facilitates its ubiquitination at UV damage sites, leading to promote RNA pol IIo backtracking to allow access to the nucleotide excision repair machinery. Not involved in processing oxidative damage (By similarity).[UniProtKB/Swiss-Prot Function]