

Product datasheet for PH310690

KIAA1530 (UVSSA) (NM_020894) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KIAA1530 MS Standard C13 and N15-labeled recombinant protein (NP_065945)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210690
Predicted MW:	80.6 kDa
Protein Sequence:	>RC210690 protein sequence Red=Cloning site Green=Tags(s)

MDQKLSKLV EELTTS GEPRLNPEKMKELKKICKSSEEQLSRAYRLLIAQLTQEHA EIRLSAFQIVEELFV
RSHQFRMLVVSNFQEFLELTLGTDPAQPLPPPREAAQRLRQATTRA VEGWNEKFG EAYKKLALGYHFLRH
NKKVDFQDTNARSLAERKREEEKQKHLDKIYQERASQAEREMQEMS GEIESCLTEVESC FRLLVPFD
NPETESLGMASGMSDALRSSCAGQVGPCRSGTPDPRDGEQPCCSRDL PASAGHPRAGGGAQPSQTATGDP
SDEDESDLEEFVRSHGLGSHKYTL DVELCSEGLKVQENEDNLAL IHAARDTLKLIRNKFLPAVCSWIQR
FTRVGTGGCLKRAIDLKAELEL VLRKYKELDIEPEGGERRRTEALGDAEDEDDED FVEVPEKEGYEPH
IPDHLRPEYGLEAAPEKDTVVRCLRTRTRMDEEVSDPT SAAAQLRQLRDHLPPPSSASPSRALPEPQEAQ
KLA AERARAPVVPYGVDLHYWGQELPTAGKIVKSDSQHRFWKPSEVEEEVVNADISEMLRSRHITFAGKF
EPVQHWCRAPRDPGRLCERQDRLKCPFHGKIVPRDDEGRPLDPEDRAREQRRQLKQKERLEWQDPELMRD
VEAATGQDLGSSRYSGKGRGKRRYPSLTNLKAQADTARARIGRKFVAKAAVRRVVAAMNRMDQKKHEKF
SNQFNALN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_065945</u>

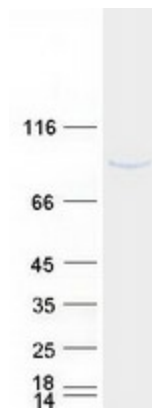


[View online »](#)

RefSeq Size:	4665
RefSeq ORF:	2127
Synonyms:	KIAA1530; UVSS3
Locus ID:	57654
UniProt ID:	Q2YD98 , Q69YU2
Cytogenetics:	4p16.3

Summary: The protein encoded by this gene appears to be involved in ubiquitination and dephosphorylation of RNA polymerase II subunits that stall after UV irradiation. The encoded protein interacts with several members of the nucleotide excision repair complex, and is thought to be involved in the transcription-coupled nucleotide excision repair (TC-NER) pathway to help remove lesions in the DNA that block transcription. Defects in this gene can cause UV-sensitive syndrome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]

Product images:



Coomassie blue staining of purified UVSSA protein (Cat# [TP310690]). The protein was produced from HEK293T cells transfected with UVSSA cDNA clone (Cat# [RC210690]) using MegaTran 2.0 (Cat# [TT210002]).