

## Product datasheet for TP319579M

### NIRF (UHRF2) (NM\_152896) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-like with PHD and ring finger domains 2 (UHRF2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219579 representing NM_152896 Red=Cloning site Green=Tags(s)

MWIQVRTIDGSKTCTIEDVSRKATIEELRERVWALFDVRPECQRLFYRGKQLENGYTLFDYDVGLNDIIQ  
LLVRPDPDHLPGTSTQIEAKPCSNPPKVKKAPRVGPSNQPSTSARARLIDPGFGIYKVNELVDARDVGL  
GAWFEAHIHSVTRASDGQSRGKTPLKNGSSCKRTNGNIKHKSKENTNKLDSVPSTNSDCVAADEDVIYH  
IQYDEYPESGTLEMNVKDLRPRARTILKWNELNVGDVVMVNYNVESPGQRGFWFDAEITTLKTISSRTKKE  
LRVKIFLGGSEGTLNDCKIISVDEIFKIERPGAHPPLSFADGKFLRRNDPECDLCGGDPEKKCHSCSRVC  
GGKHEPNMQLLCDECNVAYHIYCLNPPLDKVPEEEYWCPSCKTDSSEVVKAGERLKMSSKKAKMPSAST  
ESRRDWGRGMACVGRTRRECTIVPSNHYGPIGIPVVGSTWRFRVQVSEAGVHRPHVGGIHRNSNDGAYSLV  
LAGGFADEVDRGDEFTYTGSGGKNLAGNKRIGAPSADQTLTNMNRALALNCDAPLDDKIGAESRNWRAGK  
PVRVIRSFKGRKISKYAPEEGNRYDGIYKVKYWPPEISSSHGFLVWRYLLRRDDVEPAPWTSEGIERSRR  
LCLRLQYPAGYPSDKEGKPKGQSKKQPSGTTKRPISSDDDCPSASKVYKASDSAIEAFQLTPQQHLI  
REDCQNQKLWDEVLSHLVEGPNFLKLEQSFMCVCCQELVYQPVTTTECFHNVCKDCLQRSFKAQVFSCPA  
CRHDLGQNYIMIPNEILQTLDDLFFPGYSKGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	89.8 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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**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.

**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\\_690856](#)

**Locus ID:** 115426

**UniProt ID:** [Q96PU4](#)

**RefSeq Size:** 3621

**Cytogenetics:** 9p24.1

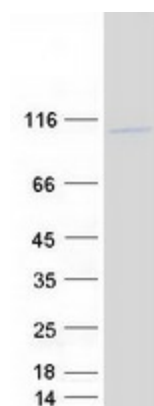
**RefSeq ORF:** 2406

**Synonyms:** NIRF; RNF107; TDRD23; URF2

**Summary:** This gene encodes a nuclear protein which is involved in cell-cycle regulation. The encoded protein is a ubiquitin-ligase capable of ubiquinating PCNP (PEST-containing nuclear protein), and together they may play a role in tumorigenesis. The encoded protein contains an NIRF\_N domain, a PHD finger, a set- and ring-associated (SRA) domain, and a RING finger domain and several of these domains have been shown to be essential for the regulation of cell proliferation. This protein may also have a role in intranuclear degradation of polyglutamine aggregates. Alternative splicing results in multiple transcript variants some of which are non-protein coding. [provided by RefSeq, Feb 2012]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified UHRF2 protein (Cat# [TP319579]). The protein was produced from HEK293T cells transfected with UHRF2 cDNA clone (Cat# [RC219579]) using MegaTran 2.0 (Cat# [TT210002]).