

Product datasheet for PH319579

NIRF (UHRF2) (NM_152896) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	UHRF2 MS Standard C13 and N15-labeled recombinant protein (NP_690856)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219579
Predicted MW:	89.8 kDa
Protein Sequence:	>RC219579 representing NM_152896 Red=Cloning site Green=Tags(s)

MWIQVRTIDGSKTCTIEDVSRKATIEELRERVWALFDVRPECQRLFYRQKQLENGYTLFDYDVLNDIIQ
LLVVRPDPDHLPGTSTQIEAKPCSNPPKVKAPRVGPNQSTARSARLIDPGFGIYKVNELVDARDVGL
GAWFEAHIHSVTRASDGQSRGKTPKNGSSCKRTNGNIKHKSKENTNKLDSVPSTNSDCVAADEDVIYH
IQYDEYEPESGTMENVKDLRPRARTILKWNELNVGDVVMVNYNVESPGQRGFWFDAEITTLTKISRTKKE
LRVKIFLGGSEGLNDCKIISVDEIFKIERPGAHPLSFADGKFLRRNDPECDLGGDPEKKCHSCSRVC
GGKHEPNMQLLCDECNVAYHIYCLNPPLDKVPEEEYWYCPCKTDSSEVVKAGERLKMSKKKAKMPSAST
ESRRDWGRGMACVGRTRRECTIVPSNHYGPIPGIPVGSTWRFRVQVSEAGVHRPHVGGIHRNSNDGAYSLV
LAGGFADDEVDRGDEFTYTGSGGKNLAGNKRIGAPSADQTLTNMNRALALNCDAPLDDKIGAESRNWRAGK
PVRVIRSFKGRKISKYAPEEGNRYDGIYKVVKYWPEISSHGFLVWRYLLRRDDVEPAPWTSEGIERSRR
LCLRLQYPAGYPSDEKGGKPKGQSKKQPSGTTKRPISDDDCPSASKVYKASDSAEAEAFQLTPQQHLI
REDCQNQKLWDEVLSHLVEGPNFLKKLEQSFMCVCCQELVYQPVTTECFHNVCKDCLQRSFKAQVFS CPA
CRHDLGQNYIMIPNEILQTLDDLFFPGYSKGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_690856



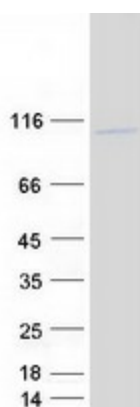
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RefSeq Size:	3621
RefSeq ORF:	2406
Synonyms:	NIRF; RNF107; TDRD23; URF2
Locus ID:	115426
UniProt ID:	Q96PU4
Cytogenetics:	9p24.1

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]).