

Recombinant Full Length Human UHRF1 Protein, His-tagged

Cat. No. UHRF1-131H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UHRF1 Protein, fused to His-tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-793 a.a.
Description	This gene encodes a member of a subfamily of RING-finger type E3 ubiquitin ligases. The protein binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. Its expression peaks at late G1 phase and continues during G2 and M phases of the cell cycle. It plays a major role in the G1/S transition by regulating topoisomerase IIalpha and retinoblastoma gene expression, and functions in the p53-dependent DNA damage checkpoint. It is regarded as a hub protein for the integration of epigenetic information. This gene is up-regulated in various cancers, and it is therefore considered to be a therapeutic target. Multiple transcript variants encoding different isoforms have been found for this gene. A related pseudogene exists on chromosome 12.
Form	50 mM Tris HCl, pH 7.5, 500 mM NaCl, 1 mM TCEP, 10% glycerol (v/v).
Molecular Mass	92.4 kDa
Purity	>90%

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Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration

0.1 mg/ml

GENE INFORMATION
Gene Name

UHRF1 ubiquitin like with PHD and ring finger domains 1 [Homo sapiens (human)]

Official Symbol

UHRF1

Synonyms

Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF1; huNp95

Gene ID

29128

mRNA Refseq

NM_001048201

Protein Refseq

NP_001041666

MIM

607990

UniProt ID

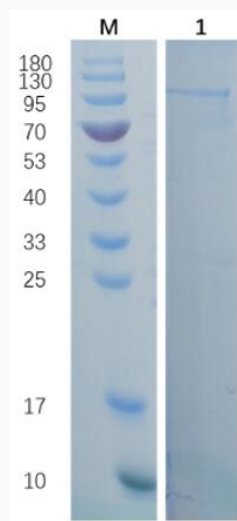
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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified UHRF1 (CBB stained).

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