

UHRF1 recombinant protein

Recombinant UHRF1 protein

CATALOG #
AAA60107

HOST
E Coli

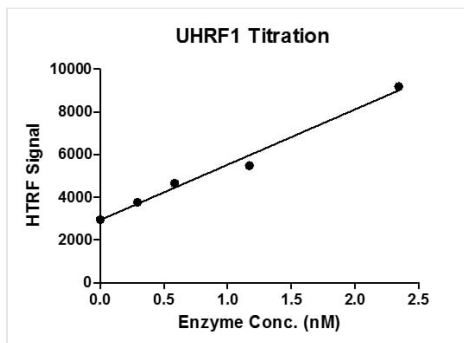
PRODUCT SYNONYMS

UHRF1; Recombinant UHRF1 protein; Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF; UHRF1 recombinant protein

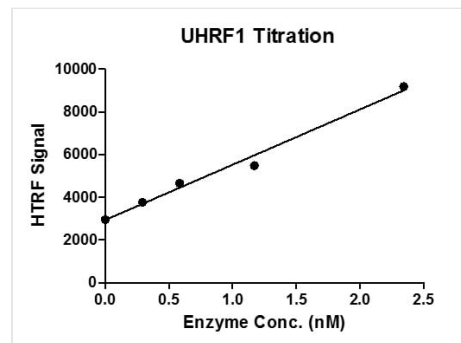
PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	Recombinant UHRF1 protein is supplied at a concentration of 1ug/ul in 25mM Tris pH8.0, 300mM NaCl, 5% glycerol.
Protein Species	Human
Tag	His-Tag
Notes	This protein is useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice

IMAGES

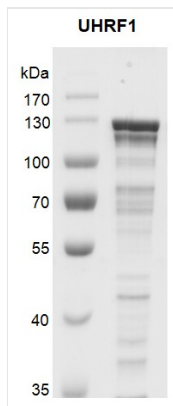


Application Data



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UHRF1 binding assay 1 uM H3K9me3 peptide was incubated with different concentrations of UHRF1 protein in 50 mM HEPES-NaOH pH 7.5, 0.1% BSA for 1 hour, then 10 ul anti-His antibody and SA-XL665 mixture (1:100 dilution in the same buffer) was added to each reaction system and incubated for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.



SDS-PAGE
 Recombinant UHRF1 protein gel 8% SDS-PAGE Coomassie staining MW: 93.1 kDa Purity: > 60%

ADDITIONAL INFORMATION

Related Product Information for UHRF1 recombinant protein	Short Description: Recombinant UHRF1 protein was expressed in E Colli cells as the full-length protein (accession number NP_037414.3) with a C-terminal 6xHis-tag. The molecular weight of the protein is 93.1 kDa. It is suitable for analysis of enzyme function and transcription factor regulation as well as for use in the study of enzyme kinetics, inhibitor screening, and selectivity profiling. Background: UHRF1 (Ubiquitin Like With PHD And Ring Finger Domains 1, also known as Np95, hNP95, ICBP90, RNF106, TDRD22, hUHRF1, huNp95) is a member of a subfamily of RING-finger type E3 ubiquitin ligases. UHRF1 binds to specific DNA sequences, and recruits a histone deacetylase to regulate gene expression. UHTR1 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. UHRF1 is overexpressed in various cancers. UHRF1 plays a critical role in maintaining DNA methylation in mammalian cells.
Product Categories/Family for UHRF1 recombinant protein	Recombinant Proteins; DNA Damage; Histone Deacetylase (HDAC)

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430233
NCBI GeneID	29128
NCBI Accession #	NP_037414.3
NCBI GenBank Nucleotide #	NM_013282.3
UniProt Accession #	Q96T88; Q2HIX7; Q8J022; Q9H6S6; Q9P115; Q9P1U7; A0JBR2; A8K024; B2RBA9
Molecular Weight	91,116 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase UHRF1 isoform 2
NCBI Official Synonym Full Names	ubiquitin like with PHD and ring finger domains 1
NCBI Official Symbol	UHRF1
NCBI Official Synonym Symbols	Np95; hNP95; ICBP90; RNF106; TDRD22; hUHRF1; huNp95
NCBI Protein Information	E3 ubiquitin-protein ligase UHRF1
UniProt Protein Name	E3 ubiquitin-protein ligase UHRF1
UniProt Gene Name	UHRF1
UniProt Synonym Gene Names	ICBP90; NP95; RNF106; HuNp95; hNp95; hUHRF1
UniProt Entry Name	UHRF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/uhrf1-recombinant-protein-e-coli/60107>