



# Recombinant Human UV radiation resistance-associated gene protein (UVRAG)

<b>Product Code</b>	CSB-EP882187HU-B
<b>Abbreviation</b>	UVRAG
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9P2Y5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSASASVGGP VPQPPPGPAA ALPPGSAARA LHVELPSQQR RLRHLRNIAA RNIVNRNGHQ LLDTYFTLHL CSTEKIYKEF YRSEVIKNSL NPTWRSLDFG IMPDRLDTSV SCFVVKIWGG KENIYQLLIE WKVCLDGLKY LGQQIHARNQ NEIIFGLNDG YYGAPFEHKG YSNAQKTILL QVDQNCVRNS YDVFSLLRLH RAQCAIKQTQ VTVQKIGKEI EEKLRILTSTS NELKKKSECL QLKILVLQNE LERQKKALGR EVALLHKQOI ALQDKGSAFS AEHLKLQLQK ESLNELRKEC TAKRELFKLT NAQLTIRCRQ LLSSELSYIYP IDLNEHKDYF VCGVKLPNSE DFQAKDDGSI AVALGYTAHL VSMISFFLQV PLRYPIIHKG SRSTIKDNIN DKLTEKEREFP LYPKGGGEKL QFDYGVYLLN KNIAQLRYQH GLGTPDLRQT LPNLKNFMEH GLMVRCDRHH TSSAIPVPKR QSSIFGGADV GFSGGIPSPD KGHRKRASSE NERLQYKTPP PSYNSALAQP VTTVPSMGET ERKITSLSSS LDTSLDFSKE NKKKGEDLVG SLNGGHANVH PSQEQGEALS GHRATVNGTL LPSEQAGSAS VQLPGEFHPV SEAELCCTVE QAEEIIGLEA TGFASGDQLE AFNCIPVDSA VAVECDEQVL GEFEEFSRRI YALNENVSSF RRPRRSSDK
<b>Source</b>	E.coli
<b>Target Names</b>	UVRAG
<b>Protein Names</b>	Recommended name: UV radiation resistance-associated gene protein Alternative name(s): p63
<b>Expression Region</b>	1-699
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene complements the ultraviolet sensitivity of xeroderma pigmentosum group C cells and encodes a protein with a C2 domain. The protein activates the Beclin1-PI(3)KC3 complex, promoting autophagy and suppressing the proliferation and tumorigenicity of human colon cancer cells. Chromosomal



aberrations involving this gene are associated with left-right axis malformation and mutations in this gene have been associated with colon cancer.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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