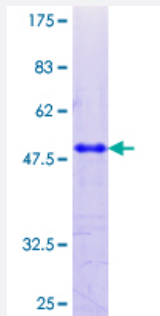


UVRAG (Human) Recombinant Protein (Q01)

Catalog # H00007405-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UVRAG partial ORF (NP_003360.2, 601 a.a. - 699 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LPSEQAGSASVQLPGEFHPVSEAELCCTVEQAEIIGLEATGFASGDQLEAFNCIPVDSAVAVEC DEQVLGEFEEFSRRYALNENVSSFRRPRRSSDK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — UVRAG

Entrez GeneID [7405](#)

GeneBank Accession# [NM_003369](#)

Protein Accession# [NP_003360.2](#)

Gene Name UVRAG

Gene Alias DHTX, p63

Gene Description UV radiation resistance associated gene

Omim ID [602493](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations UV radiation resistance associated|disrupted in heterotaxy

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)
- [Vitiligo](#)