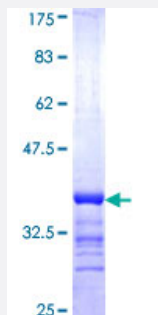


ERCC1 (Human) Recombinant Protein (Q01)

Catalog # H00002067-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ERCC1 partial ORF (AAH52813, 207 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RYLETYKAYEQKPADLLMEKLEQDFVSRVTECLTTVKSVNKTDSQTLTTFGSLEQLAASREDLA LCPGVGPQK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.99
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 — ERCC1

Entrez GeneID	2067
GeneBank Accession#	BC052813
Protein Accession#	AAH52813
Gene Name	ERCC1
Gene Alias	COFS4, UV20
Gene Description	excision repair cross-complementing rodent repair deficiency, complementation group 1 (includes overlapping antisense sequence)
Omim ID	126380 610758
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	excision repair cross-complementing 1 excision repair protein

Pathway

- [Nucleotide excision repair](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)

- [Adenoma](#)
- [Anemia](#)
- [Ataxia telangiectasia](#)
- [Azoospermia](#)
- [Biliary Tract Neoplasms](#)
- [Bone Neoplasms](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Chromosome Aberrations](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Endometrial Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Gastrointestinal Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [Heartburn](#)

- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Laryngeal Neoplasms](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Mouth Neoplasms](#)
- [Multiple Myeloma](#)
- [Multiple Sclerosis](#)
- [Nasopharyngeal Neoplasms](#)
- [Nausea](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neurotoxicity Syndromes](#)
- [Neutropenia](#)
- [Occupational Diseases](#)

- [Oligospermia](#)
- [Osteosarcoma](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Peripheral Nervous System Diseases](#)
- [Pharyngeal Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Rectal Neoplasms](#)
- [Recurrence](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Testicular Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Vomiting](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)
- [Xeroderma Pigmentosum](#)