

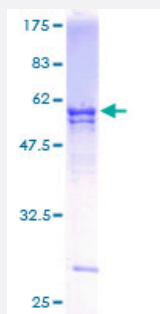
Full-Length

UBE2R2 (Human) Recombinant Protein (P01)

Catalog # H00054926-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human UBE2R2 full-length ORF (AAH47584, 1 a.a. - 238 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAQQQMTSSQKALMLELKSLEQEEVVEGFRITLVDES DLYNWEVAIFGPPNTLYEGGYFKAHIKFPIDYPYSPPTFRFLTKMWHPNYENG DVCISILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNEPNTFSPANVDASVMFRKWRDSKGKDKEYAEIIRKQVSATKAEAEKDGVKVPTTLAEYCIKTKVPSNDNSSDLLYDDL YDDIDDEDEEEEDADCYDDDDSGNEES

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.92

Interspecies Antigen Sequence

Mouse (100); Rat (100)

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 — UBE2R2

Entrez GeneID [54926](#)

GeneBank Accession# [BC047584](#)

Protein Accession# [AAH47584](#)

Gene Name UBE2R2

Gene Alias CDC34B, FLJ20419, MGC10481, UBC3B

Gene Description ubiquitin-conjugating enzyme E2R 2

Gene Ontology [Hyperlink](#)

Gene Summary Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. [provided by RefSeq]

Other Designations OTTHUMP00000000472|OTTHUMP000000021236|ubiquitin carrier protein R2|ubiquitin-conjugating enzyme UBC3B|ubiquitin-protein ligase R2

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)