

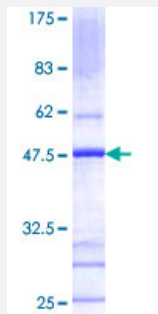
Full-Length

UBE2B (Human) Recombinant Protein (P01)

Catalog # H00007320-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UBE2B full-length ORF (AAH08470.1, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSTPARRRLMRDFKRLQEDPPVGVSGAPSENNIMQWNAVIFGPEGTPFEDGTFKLVIIEFSEEYPN KPPTVRFLSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNSPANSQAAQLYQ ENKREYEKRVSAMEQSWNDS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.35
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 — UBE2B

Entrez GeneID [7320](#)

GeneBank Accession# [BC008470.1](#)

Protein Accession# [AAH08470.1](#)

Gene Name UBE2B

Gene Alias E2-17kDa, HHR6B, HR6B, RAD6B, UBC2

Gene Description ubiquitin-conjugating enzyme E2B (RAD6 homolog)

Omim ID [179095](#)

Gene Ontology [Hyperlink](#)

Gene Summary The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq]

Other Designations E2 protein|ubiquitin carrier protein B|ubiquitin-conjugating enzyme E2B|ubiquitin-protein ligase B

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Oligospermia](#)