

Full-Length

UBE2N (Human) Recombinant Protein (P01)

Catalog # H00007334-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UBE2N full-length ORF (AAH03365, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGLPRIIKETQRLLAEPVPGIKAEPDESNARYFHVVIAGPQDSPFEGGTFKLELFLPEEYPMAA PKVRFMTKYHPNVDKLGRIKLDILKDKWSPALQIRTVLLSIQALLSAPNPDDPLANDVAEQWKTNE AQAIETARAWTRLYAMNNI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	42.46
Interspecies Antigen Sequence	Mouse (100); Rat (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 — UBE2N

Entrez GeneID [7334](#)

GeneBank Accession# [BC003365](#)

Protein Accession# [AAH03365](#)

Gene Name UBE2N

Gene Alias MGC131857, MGC8489, UBC13, Ubch-ben

Gene Description ubiquitin-conjugating enzyme E2N (UBC13 homolog, yeast)

Omim ID [603679](#)

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. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. [provided by RefSeq]

Other Designations bendless-like ubiquitin conjugating enzyme|ubiquitin carrier protein N|ubiquitin-conjugating enzyme E2N|ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13)|ubiquitin-protein ligase N|yeast UBC13 homolog

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Diabetes Mellitus](#)