

Full-Length

UBE2H (Human) Recombinant Protein (P01)

Catalog # H00007328-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UBE2H full-length ORF (AAH06277, 1 a.a. - 183 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSSPSPGKRRMDTDVVKLIESKHEVTILGGLNEFVVKFYGPQGTPYEGGVWKVRVDLPDKYPFK SPSIGFMNKIFHPNIDEASGTVCLDVINQWTALYDLTNIFESFLPQLLAYPNPIDPLNGDAAAMYLH RPEEYKQKIKEYIQKYATEEALKEQEEGTGDSSSESSMSDFSSEDEAQDMEL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.87
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 — UBE2H

Entrez GeneID [7328](#)

GeneBank Accession# [BC006277](#)

Protein Accession# [AAH06277](#)

Gene Name UBE2H

Gene Alias E2-20K, UBC8, UBCH, UBCH2

Gene Description ubiquitin-conjugating enzyme E2H (UBC8 homolog, yeast)

Omim ID [601082](#)

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. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Two alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms. [provided by RefSeq]

Other Designations ubiquitin carrier protein H|ubiquitin-conjugating enzyme E2H|ubiquitin-conjugating enzyme E2H (homologous to yeast UBC8)|ubiquitin-protein ligase H

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [NARP](#)