

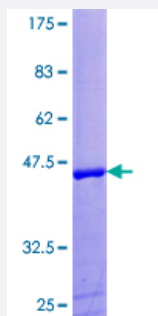
Full-Length

UBE2I (Human) Recombinant Protein (P01)

Catalog # H00007329-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UBE2I full-length ORF (NP_003336.1, 1 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSGIALSRLAQERKAWRKDHPFGFVAVPTKNPDGTMNLMNWECAIPGKKGTPWEGGLFKLRML FKDDYPSSPPKCKFEPPLFHPNVYPSTVCLILEEDKDWRPAITIKQILLGIQELLNEPNIQDPAQA EAYTIYCQNRVEYEKRVRAQAKKFAPS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.4
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 — UBE2I

Entrez GeneID	7329
GeneBank Accession#	NM_003345.3
Protein Accession#	NP_003336.1
Gene Name	UBE2I
Gene Alias	C358B7.1, P18, UBC9
Gene Description	ubiquitin-conjugating enzyme E2I (UBC9 homolog, yeast)
Omim ID	601661
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. Four alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	SUMO-1-protein ligase ubiquitin carrier protein ubiquitin conjugating enzyme 9 ubiquitin-conjugating enzyme E2I ubiquitin-conjugating enzyme E2I (homologous to yeast UBC9) ubiquitin-conjugating enzyme UbcE2A ubiquitin-like protein SUMO-1 conjugating enzym

Pathway

- [Ubiquitin mediated proteolysis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)