

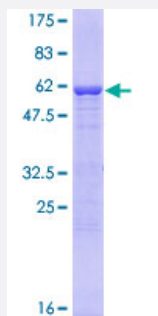
Full-Length

# UCHL5 (Human) Recombinant Protein (P01)

Catalog # H00051377-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human UCHL5 full-length ORF ( AAH15521, 1 a.a. - 328 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MTGNAGEWCLMESDPGVFTelikGFgCRGAQVEEWSLEPENFEKLKPVHGLIFLFWQPGEEP  
AGSVVQDSRLDTIFFAKQVINNACATQAMSVLLNCTHQDVHLGETLSEFKEFSQSFDAAMKGLAL  
SNSDVIRQVHNSFARQQMFEDTKTSAKEEDAFHFVSYPVNGRLYELDGLREGPIDLGACNQD  
DWISAVRPVIEKRIQKYSEGEIRFNLMAIVSDRKMYEQKIAELQRQLAEEPMDTDQGNSMLSAIQS  
EVAKNQMLIEEEVQKLKRYKIENIRRKHNYLPFIMELLKTLAEHQQLIPLVEKAKEKQNAKKAQETK

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

61.71

### Interspecies Antigen Sequence

Mouse (97); Rat (97)

### 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 — UCHL5

**Entrez GeneID** [51377](#)**GeneBank Accession#** [BC015521.1](#)**Protein Accession#** [AAH15521](#)**Gene Name** UCHL5**Gene Alias** CGI-70, INO80R, UCH37**Gene Description** ubiquitin carboxyl-terminal hydrolase L5**Omim ID** [610667](#)**Gene Ontology** [Hyperlink](#)**Other Designations** INO80 complex subunit R|OTTHUMP00000033565|ubiquitin C-terminal hydrolase UCH37|ubiquitin carboxyl-terminal esterase L5

## Publication Reference

- [Systematic characterization of deubiquitylating enzymes for roles in maintaining genome integrity.](#)

Nishi R, Wijnhoven P, le Sage C, Tjeertes J, Galanty Y, Forment JV, Clague MJ, Urbe S, Jackson SP.

Nature Cell Biology 2014 Oct; 16(10):1016.

Application: Func, Human, U2OS cells