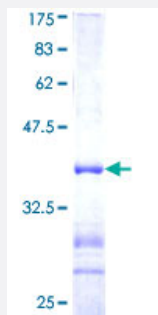


USP11 (Human) Recombinant Protein (Q01)

Catalog # H00008237-Q01

Size 25 ug, 10 ug

Applications



Specification

| | |
|--------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Product Description | Human USP11 partial ORF (NP_004642, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | LVRHNDLGKSHTVQFSHTDSIGLVLR TARERFLVEPQEDTRLWAKNSEGLDRLYDTHITVLDAAL ETGQLIIMETRKKDGTWPSAQLHVMNNNMSEEDE |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 36.74 |
| Interspecies Antigen Sequence | Mouse (73); Rat (73) |
| 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 — USP11

Entrez GeneID [8237](#)

GeneBank Accession# [NM_004651](#)

Protein Accession# [NP_004642](#)

Gene Name USP11

Gene Alias UHX1

Gene Description ubiquitin specific peptidase 11

Omim ID [300050](#)

Gene Ontology [Hyperlink](#)

Gene Summary Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp 11.23 [provided by RefSeq]

Other Designations deubiquitinating enzyme 11|ubiquitin carboxyl-terminal hydrolase, X-linked|ubiquitin specific protease 11|ubiquitin thiolesterase 11|ubiquitin-specific processing protease 11