

## Recombinant Human UBD protein, GST-tagged

**Cat. No.** UBD-1213H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human UBD protein(1-165 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-165 aa                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH. |
| <b>AA Sequence</b>      | MAPNASCLCVHVRSEEWDLMTFDANPYDSVKKIKEHVRSKTKVPVQDQVLLLGSKIL<br>KPRRSLSSYGIDKEKTIHLTLKVVKPSDEELPLFLVESGDEAKRHLLQVRRSSSVAQV<br>KAMIEKTKGIIPETQIVTCNGKRLEDGKMMADYGIRKGNLLFLACYCIGG                                                                                                |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                     |
| <b>Storage</b>          | Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                                                                                   |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.<br>Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.                                                                                                       |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Gene Name       | UBD ubiquitin D [ Homo sapiens ]                                                   |
| Official Symbol | UBD                                                                                |
| Synonyms        | UBD; ubiquitin D; FAT10; diubiquitin; ubiquitin-like protein FAT10; UBD-3; GABBR1; |
| Gene ID         | 10537                                                                              |
| mRNA Refseq     | NM_006398                                                                          |
| Protein Refseq  | NP_006389                                                                          |
| MIM             | 606050                                                                             |
| UniProt ID      | O15205                                                                             |

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