

## Recombinant Mouse OTC Protein (33-354 aa), His-SUMO-tagged

**Cat. No.** OTC-705M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse OTC Protein (33-354 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length of Mature Protein.                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 33-354 aa                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 52.1 kDa                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | SQVQLKGRDLLTLKNFTGEEIQYMLWLSADLKFRKQKGEYLP LLQGKSLGMIFEKR<br>STRTRLSTETGFALLGGHPSFLT TQDIHLGVNESLTDTARVLSSMTDAVLARVYKQS<br>DLDTLAKEASIPVINGLS DLYHPIQILADYLT LQEHYGS LKGLT LSWIGDGNNILHSIMM<br>SAAKFGMHLQAATPKGYEPDPNIVKLAEQYAKENGTKLSMTNDPLEAARGGNVLITD<br>TWISMGQEDEKKKRLQAFQGYQVTMKTAKVAASDWTFLHCLPRKP EEVDDEVFYS<br>PRSLVFPEAENRKWTIMAVMVSL L TDYSPVLQKPKF |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4                                                                                                                                                                                                                                                                                  |

 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

centigrade for up to one week.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA with concentration instruction is sent along with the products.

## GENE INFORMATION

**Gene Name**

Otc ornithine transcarbamylase [ *Mus musculus* ]

**Official Symbol**

OTC

**Synonyms**

OTC; OTCase; sparse fur; Sf; spf; AI265390;

**Gene ID**

18416

**mRNA Refseq**

NM\_008769

**Protein Refseq**

NP\_032795

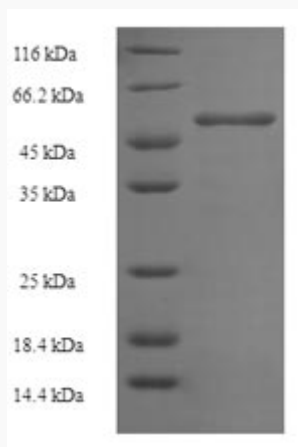
**UniProt ID**

P11725

 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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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