

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
ProteinLength	33-354 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	52.1 kDa
AA Sequence	SQVQLKGRDLLTLKNFTGEEIQYMLWLSADLKFRKQKGEYLP LLQGKSLGMIFEKR STRTRLSTETGFALLGGHPSFLT TQDIHLGVNESLTD TARVLSSMTDAVLARVYKQS DLDTLAKEASIPIVNGLS DLYHPIQILADYLT LQEHYGLKGLT LSWIGDGNNILHSIMM SAAKFGMHLQAATPKGYEPDPNIVKLAEQYAKENGTKLSMTNDPLEAARGGNVLITD TWISMGQEDEKKKRLQAFQGYQVTMKTAKVAASDWTFLHCLPRKPEEVDDEVFYS PRSLVFPEAENRKWTIMAVMVSL L TDYSPVLQKPKF
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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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

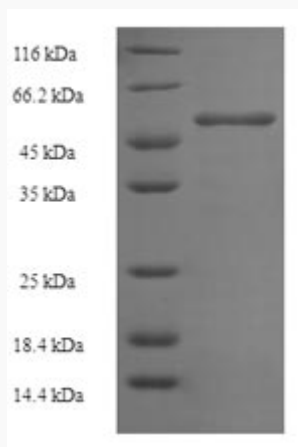
UniProt ID

P11725

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

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