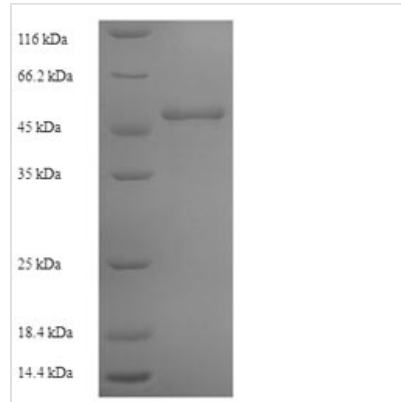




Recombinant Human Ornithine transcarbamylase, mitochondrial (OTC)

Product Code	CSB-EP017270HU
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P00480
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	NKVQLKGRDLLTLKNFTGEEIKYMLWLSADLKFRICKQKGEYLPLLQGKSLGMIF EKRSTRTRLSTETGFALLGGHPCFLTQTQDIHLGVNESLTDARVLSSMADAVLA RVYKQSDLDTLAKEASIPIINGLSLDLYHPIQILADYLTQLQEHYSSLKGLTSLWIGD GNNILHSIMMSAAKFGMHLQAATPKGYEPDASVTKLAEQYAKENGTKLLLTND PLEAAHGGNVLITDTWISMGQEEEEKKRLQAFQGYQVTMKTAKVAASDWTF HCLPRKPEEVDDEVFYSRSLVFPEAENRKWTIMAVMVSLLDYSPQLQKPKF
Lead Time	3-7 business days
Research Area	Metabolism
Source	E.coli
Gene Names	OTC
Expression Region	33-354aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	52.1kDa
Protein Description	Full Length of Mature Protein

Image



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

Description

This premium Recombinant Human OTC protein is a vital component for research in metabolism. Ornithine transcarbamylase, a mitochondrial enzyme, plays a critical role in the urea cycle, essential for the detoxification of ammonia and amino acid metabolism. This full length of mature protein (33-354aa) is expressed in E.coli, providing a dependable tool for a wide range of applications in metabolism research.

Featuring an N-terminal 6xHis-SUMO tag, our Recombinant Human OTC protein enables efficient purification and detection processes. With a purity greater than 90% as determined by SDS-PAGE, you can have confidence in the superior quality of this protein to support your research endeavors. Available in both liquid and lyophilized powder forms, our Recombinant Human OTC protein is tailored to meet your specific experimental needs and propel your scientific discoveries forward.