

Ornithine carbamoyltransferase Recombinant Protein | Otc recombinant protein

Recombinant Mouse Ornithine carbamoyltransferase, mitochondrial

CATALOG # AAA113734	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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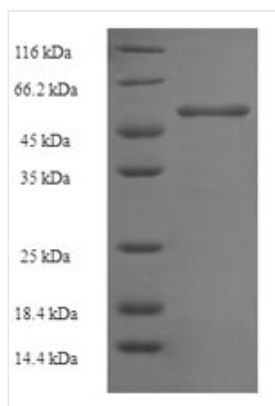
PRODUCT SYNONYMS

Ornithine carbamoyltransferase; Recombinant Mouse Ornithine carbamoyltransferase; mitochondrial; Ornithine transcarbamylase; OTCase; Otc recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	33-354. Full Length of Mature Protein
Sequence	SQVQLKGRDL LTLKNFTGEE IQYMLWLSAD LKFRIKQKGE YLPLLQGKSL GMIFEKRSTR TRLSTETGFA LLGGHPSFLT TQDIHLGVNE SLTDTARVLS SMTDAVLARV YKQSDLDTLA KEASIPVNG LSDLYHPIQI LADYLTLEH YGSLKGLTSL WIGDGNNILH SIMMSAAKFG MHLQAATPKG YEPDPNIVKL AEQYAKENG KLSMTNDPLE AARGGNVLIT DTWISMGQED EKKRLQAFQ GYQVTMTAK VAASDWTFLLH CLPRKPEEVD DEVFYSRSL VFPEAENRW TIMAVMVSL TDYSPVLQKP KF
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

References	The molecular basis of the sparse fur mouse mutation.Veres G., Gibbs R.A., Scherer S.E., Caskey C.T.Science 237:415-417(1987) The genetic structure of mouse ornithine transcarbamylase.Scherer S.E., Veres G., Caskey C.T.Nucleic Acids Res. 16:1593-1601(1988) The 5' flanking region of the ornithine transcarbamylase gene contains DNA sequences regulating tissue-specific expression.Veres G., Craigen W.J., Caskey C.T.J. Biol. Chem. 261:7588-7591(1986) SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013) Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways.Rardin M.J., Newman J.C., Held J.M., Cusack M.P., Sorensen D.J., Li B., Schilling B., Mooney S.D., Kahn C.R., Verdin E., Gibson B.W.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6679184
NCBI GeneID	18416
NCBI Accession #	NP_032795.1
NCBI GenBank Nucleotide #	NM_008769.4
UniProt Accession #	P11725
Molecular Weight	52.1 kDa
NCBI Official Full Name	ornithine carbamoyltransferase, mitochondrial
NCBI Official Synonym Full Names	ornithine transcarbamylase
NCBI Official Symbol	Otc
NCBI Official Synonym Symbols	Sf; spf; AI265390
NCBI Protein Information	ornithine carbamoyltransferase, mitochondrial
UniProt Protein Name	Ornithine carbamoyltransferase, mitochondrial
UniProt Gene Name	Otc
UniProt Synonym Gene Names	OTCase
UniProt Entry Name	OTC_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/otc-recombinant-protein-e-coli/113734>