Recombinant Human OTC protein, His-SUMO-tagged

Cat. No. OTC-3309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OTC protein(P00480)(33-354aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	33-354aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.1 kDa
AA Sequence	NKVQLKGRDLLTLKNFTGEEIKYMLWLSADLKFRIKQKGEYLPLLQGKSLGMIFEKRS TRTRLSTETGFALLGGHPCFLTTQDIHLGVNESLTDTARVLSSMADAVLARVYKQSD LDTLAKEASIPIINGLSDLYHPIQILADYLTLQEHYSSLKGLTLSWIGDGNNILHSIMMSA AKFGMHLQAATPKGYEPDASVTKLAEQYAKENGTKLLLTNDPLEAAHGGNVLITDT WISMGQEEEKKKRLQAFQGYQVTMKTAKVAASDWTFLHCLPRKPEEVDDEVFYSP RSLVFPEAENRKWTIMAVMVSLLTDYSPQLQKPKF
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	OTC ornithine carbamoyltransferase [Homo sapiens]
Official Symbol	OTC
Synonyms	OTC; ornithine carbamoyltransferase; ornithine carbamoyltransferase, mitochondrial; OTCase; ornithine transcarbamylase; OCTD; MGC129967; MGC129968; MGC138856;
Gene ID	5009
mRNA Refseq	NM_000531
Protein Refseq	NP_000522
MIM	300461
UniProt ID	P00480

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