



# Recombinant Escherichia coli Trimethylamine-N-oxide reductase 2 (torZ)

<b>Product Code</b>	CSB-MP343618ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P46923
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	EEKGGKILT AGRWGAMNVE VKDGKIVSST GALAKTIPNS LQSTAADQVH TTARIQHMPV RKSYLDNPLQ PAKGRGEDTY VQVSWEQALK LIHEQHDRIR KANGPSAIFA GSYGWRSSGV LHKAQTLQR YMNLAGGYSG HSGDYSTGAA QVIMPHVVG SVEVYEQQTSW PLILENSQVV VLWGMNPLNT LKIAWSSTDE QGLEYFHQLK KSGKPVIAID PIRSETIEFF DDNATWIAPN MGTDVALMLG IAHTLMTQ GK HDKV FLEKYT TGYPQFEEYL TGKSDNTPKS AVWAAEITGV PEAQIVKLA E LMAANRTMLM AGWGIQRQQY GEQKHVMLVT LAAMLGQIGT PGGGFGFSYH YSNGGNPTRV GGVLPEMSAA IAGHASEAAD DGGMTAIPVA RIVDALENPG GKYQHNGKEQ TYPNIKMIWW AGGGNFTHHQ DTNRLIKAWQ KPEMIVVSEC YWTA AAKHAD IVLPITTSFE RNDLTMTGDY SNQHIVPMKQ AVAPQFEARN DFDVFADLAE LLKPPGKKEY TEGKDEMAWL KFFYDAAQKG ARAQRVTMPM FNAFWQQNKL IEMRHSEKNE QYVRYGDFRA DPVKNALGTP SGKIEIYSKT LEKFGYKDCP AHPTWLAPDE WKGTADKQL QLLTAHPAHR LHSQ LNYAEL RKKYAIADRE PITIHTE DAA RFGIANGDLV RVWNKRQIL TGAVVTDGIK KGVV CVHEGA WPDLENGLCK NGSANVLTAD IPSSQLANAC AGNSALVYIE KYTGNAPKLT AFDQPAVQA
<b>Source</b>	Mammalian cell
<b>Target Names</b>	torZ
<b>Protein Names</b>	Recommended name: Trimethylamine-N-oxide reductase 2 Short name= TMAO reductase 2 Short name= Trimethylamine oxidase 2 EC= 1.7.2.3
<b>Expression Region</b>	32-809
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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