



Recombinant Mouse Torsin-1A (Tor1a)

Product Code	CSB-EP880637MO-B
Abbreviation	Tor1a
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.	Q9ER39
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	VEPISLSLAL AGVLTITYISY PRLYCLFAEC CGQMRSLSRE ALQKDLNKL FGQHLAKKVI LNAVSGFLSN PKPKKPLTLS LHGWTGTGKN FASKIIAENI YEGGLNSDYV HLFVATLHFP HASNITQYKD QLQMWIRGNV SACARSIFIF DEMDKMHAGL IDAIKPFLDY YDVVDEVSYQ KAIFILSNA GAERITDVAL DFWKSGKQRE EIKLRDMEPA LAVSVFNNKN SGFWHSSLID RNLIDYFVPF LPLEYKHLKM CIRVEMQSRG YEVEDEDIISK VAEEMTFFPK EEKVFSDKGC KTVFTKLDYY LDD
Source	E.coli
Target Names	Tor1a
Protein Names	Recommended name: Torsin-1A Alternative name(s): Dystonia 1 protein Torsin family 1 member A
Expression Region	21-333
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein is a member of the AAA family of adenosine triphosphatases (ATPases), is related to the Clp protease/heat shock family and is expressed prominently in the substantia nigra pars compacta. Mutations in this gene result in the autosomal dominant disorder, torsion dystonia 1.
Reconstitution	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.
Shelf Life	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.