

Outer membrane porin C/OmpC Protein, E.coli (Myc, His-SUMO)

Cat. No.:	HY-P71610
Synonyms:	ompC; Z3473; ECs3104; Outer membrane porin C; Outer membrane protein 1B; Outer membrane protein C; Porin OmpC
Species:	E.coli
Source:	E. coli
Accession:	Q8XE41 (22A-367F)
Gene ID:	916811
Molecular Weight:	Approximately 58.4 kDa

PROPERTIES

AA Sequence	<pre> A E V Y N K D G N K L D L Y G K V D G L H Y F S D D K S V D G D Q T Y M R L G F K G E T Q V T D Q L T G Y G Q W E Y Q I Q G N S A E N E N N S W T R V A F A G L K F Q D V G S F D Y G R N Y G V V Y D V T S W T D V L P E F G G D T Y G S D N F M Q Q R G N G F A T Y R N T D F F G L V D G L N F A V Q Y Q G K N G S V S G E G M T N N G R E A L R Q N G D G V G G S I T Y D Y E G F G I G A A V S S S K R T D D Q N S P L Y I G N G D R A E T Y T G G L K Y D A N N I Y L A A Q Y T Q T Y N A T R V G S L G W A N K A Q N F E A V A Q Y Q F D F G L R P S L A Y L Q S K G K N L G V I N G R N Y D D E D I L K Y V D V G A T Y Y F N K N M S T Y V D Y K I N L L D D N Q F T R D A G I N T D N I V A L G L V Y Q F </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Outer membrane porin C/OmpC Protein functions by forming pores that enable the passive diffusion of small molecules across the outer membrane. Existing as a homotrimer, the protein plays a crucial role in facilitating the transport of substances across the bacterial outer membrane, contributing to the permeability of the cell envelope.
-------------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA