Outer membrane protein X/OmpX Protein, E.coli (Myc, His)

Cat. No.:	HY-P71494
Synonyms:	ompX; Z1036; ECs0892; Outer membrane protein X
Species:	E.coli
Source:	E. coli
Accession:	P0A919 (24A-171F)
Gene ID:	66670913
Molecular Weight:	Approximately 27 kDa

PROPERTIES

AA Sequence	A T S T V T G G Y A Q S D A Q G Q M N K M G G F N L K Y R Y E E D N S P L G V I G S F T Y T E K S R T A S S G D Y N K N Q Y Y G I T A G P A Y R I N D W A S I Y G V V G V G Y G K F Q T T E Y P T Y K H D T S D Y G F S Y G A G L Q F N P M E N V A L D F S Y E Q S R I R S V D V G T W I A G V G Y R F
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.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	The Outer membrane protein X/OmpX Protein is an integral member of the outer membrane OOP (TC 1.B.6) superfamily, specifically belonging to the OmpX family. This protein plays a crucial role in cellular processes, and its affiliation with the OmpX family suggests shared structural and functional characteristics within this superfamily. As a member of the outer membrane OOP superfamily, OmpX is likely involved in membrane-related functions, possibly contributing to the stability and integrity of the outer membrane. The study of Outer membrane protein X/OmpX provides insights into the broader understanding of the outer membrane OOP superfamily, shedding light on potential roles and interactions that impact cellular dynamics and membrane integrity. Further exploration of the specific functions and features of OmpX can contribute to a comprehensive understanding of its significance within the context of membrane biology.

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

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