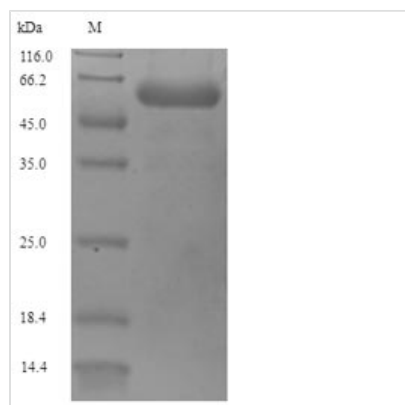


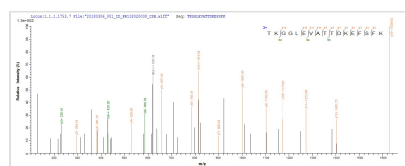


Recombinant *Pseudomonas aeruginosa* Porin P (oprP)

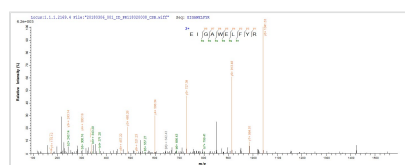
Product Code	CSB-EP361596EZ
Relevance	Anion specific, the binding site has higher affinity for phosphate than chloride ions. Porin O has a higher affinity for polyphosphates (tripolyphosphate and pyrophosphate) while porin P has a higher affinity for orthophosphate.
Abbreviation	Recombinant <i>Pseudomonas aeruginosa</i> oprP protein
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.	P05695
Alias	Outer membrane protein D1
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain ATCC 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GTVTTDGADIVIKTKGGLEVATTDKEFSFKLGGRLQADYGRFDGYYTNNGNTA DAAYFRRAYLEFGGTAYRDWKYQINYDLNRNVGNDSAGYFDEASVTYTGFPN VNLKFGRFYTDFGLEKATSSKWVTALERNLTYDIADWVNDNVGTGIQASSVVG GMAFLSGSVFSENNNDTDGDSVKRYNLRGVFAPLHEPGNVVHLGLQYAYRDL EDSAVDTRIRPRMGMRGVSTNGGNDAGSNGNRGLFGGSSAVEGLWKDDSV WGLEGAWALGAFAQAQAEYLRRTVKAERDREDLKASGYAQLAYTLTGEPRLY KLDGAKFDTIKPENKEIGAWELFYRYDSIKVEDDNIVVDSATREVGDAKGKHT LGVNWYANEAVKVSANYVKAKTDKISNANGDDSGDGLVMRLQYVF
Research Area	Metabolism
Source	E.coli
Target Names	oprP
Expression Region	30-440aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	61.2kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP361596EZ could indicate that this peptide derived from E.coli-expressed *Pseudomonas aeruginosa* (strain ATCC 15692 / PAO1 / 1C / PRS 101 / LMG 12228) oprP.



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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.