

Porin P Recombinant Protein | oprP recombinant protein

Recombinant Pseudomonas aeruginosa (strain 15692 / PAO1 / 1C / PRS 101 / LMG 12228) Porin P

CATALOG # AAA115247	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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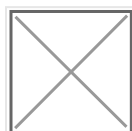
PRODUCT SYNONYMS

Porin P; Recombinant Pseudomonas aeruginosa (strain 15692 / PAO1 / 1C / PRS 101 / LMG 12228) Porin P; Outer membrane protein D1; oprP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	30-440aa; Full Length
Sequence	GTVTTDGADI VIKTKGGLEV ATTDKEFSFK LGGRLQADYG RFDGYYTNGG NTADAAFYRR AYLEFGGTAY RDWKYQINYD LSRNVGNDSA GYFDEASVTY TGFNPVNLKF GRFYTDGFGLE KATSSKWVTA LERNLTYDIA DWVNDNVGTG IQASSVVGGM AFLSGSVFSE NNNDTDGDSV KRYNLRGVFA PLHEPGNVVH LGLQYAYRDL EDSAVDTRIR PRMGMRGVST NGGNDAGSNG NRGLFGGSSA VEGLWKDDSV WGLEGAWALG AFSAQAEYLR RTVKAERDRE DLKASGYAQ LAYTLTGEPR LYKLDGAKFD TIKPENKEIG AWELFYRYDS IKVEDDNIVV DSATREVGDA KGKHTHTLGVN WYANEAVKVS ANYVKAKTDK ISNANGDDSG DGLVMRLQYV F
Sequence Length	440
Species	Pseudomonas aeruginosa (strain # 15692 / PAO1 / 1C / PRS 101 / LMG 12228)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for oprP recombinant protein	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.
Product Categories/Family for oprP recombinant protein	Metabolism
References	"Sequence and relatedness in other bacteria of the Pseudomonas aeruginosa oprP gene coding for the phosphate-specific porin P." Siehnell R.J., Martin N.L., Hancock R.E.W. Mol. Microbiol. 4:831-838(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15598475
NCBI GeneID	882442

NCBI Accession #	NP_251969.1
NCBI GenBank Nucleotide #	NC_002516.2
UniProt Accession #	P05695
Molecular Weight	61.2 kDa
NCBI Official Full Name	phosphate-specific outer membrane porin OprP
NCBI Official Symbol	oprP
NCBI Protein Information	phosphate-specific outer membrane porin OprP
UniProt Protein Name	Porin P
UniProt Gene Name	oprP
UniProt Entry Name	PORP_PSEAE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/oprp-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115247>