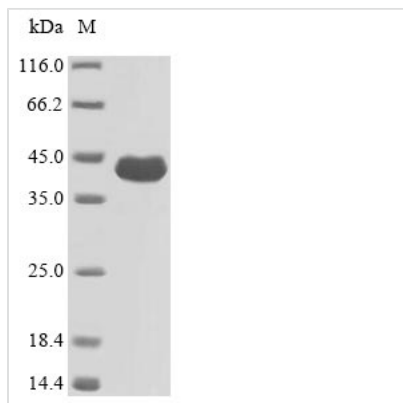




Recombinant *Pseudomonas aeruginosa* Outer membrane porin F (oprF)

Product Code	CSB-EP318417EZ X
Relevance	Has porin activity, forming small water-filled channels. Also has a structural role in determining cell shape and ability to grow in low-osmolarity medium.
Abbreviation	Recombinant <i>Pseudomonas aeruginosa</i> oprF 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.	P13794
Product Type	Recombinant Protein
Immunogen Species	<i>Pseudomonas aeruginosa</i> (strain ATCC 15692 / DSM 22644 / CIP 104116 / JCM 14847 / LMG 12228 / 1C / PRS 101 / PAO1)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	<p> QGQNSVEIEAFGKRYFTDSVRNMKNADLYGGSIGYFLTDDVELALS YGEYHDV RGTYETGNKKVHGNLTSLDAIYHFGTPGVGLRPYVSAGLAHQNITNINSDSQG RQQMTMANIGAGLKYYFTENFFAKASLDGQYGLEKRDNGHQGEWMAGLGVG FNFGGSKAAPAPEPVADVCS DSDNDGVCDNVDKCPDTPANVTVDANGCPAV AEVVRVQLDVKFDKSKVKENSYADIKNLADFMKQYPSTSTTVEGHTDSVGT DAYNQKLSERRANAVRDV LVNEYGVEGGRVNAVGYGESRPVADNATAEGRAI NRRVEAEVEAEAK </p>
Research Area	others
Source	E.coli
Target Names	oprF
Protein Names	Recommended name: Outer membrane porin F
Expression Region	25-350aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	39.3 kDa
Protein Length	Full Length of Mature Protein
Image	



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

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

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