

Recombinant Pseudomonas Aeruginosa OPRF Protein (25-350 aa), His-tagged

Cat. No. OPRF-2412P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pseudomonas Aeruginosa (strain ATCC 15692/DSM 22644/CIP 104116/JCM 14847/LMG 12228/1C/PRS 101/PAO1) OPRF Protein (25-350 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Pseudomonas Aeruginosa
Source	E.coli
ProteinLength	25-350 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	39.3 kDa
AA Sequence	QGQNSVEIEAFGKRYFTDSVRNMKNADLYGGSIGYFLTDDVELALSYGEYHDVIRGT YETGNKKVHGNLTSLDAIYHFGTPGVGLRPYVSAGLAHQNITNINSQGRQQMTM ANIGAGLKYYFTENFFAKASLDGQYGLEKRDNGHQGEWMAGLGVGFNFGGSKAAP APEPVADVCSDDNDGVCDNVDKCPDTPANVTVDANGCPAFAEVRVQLDVKFDF DKSKVKENSYADIKNLADFMKQYPSTSTTVEGHTDSVGTDAYNQKLSERRANAVRD VLVNEYGVEGGRVNAVGYGESRPVADNATAEGRAINRRVEAEVEAEAK

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

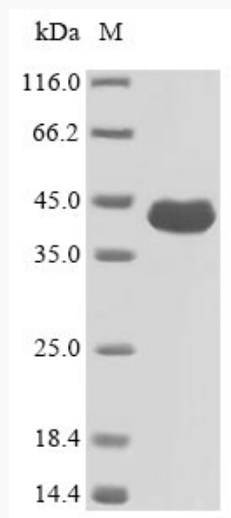
GENE INFORMATION

Gene Name	oprF outer membrane porin F [Pseudomonas aeruginosa PAO1]
Official Symbol	OPRF
Synonyms	oprF;
Gene ID	878442
Protein Refseq	NP_250468
UniProt ID	P13794

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

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