

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

### SPECIFICATION

<b>Cat.No.</b>	OPRF-2412P
<b>Species</b>	<i>Pseudomonas aeruginosa</i>
<b>Product Name</b>	Recombinant <i>Pseudomonas Aeruginosa</i> OPRF Protein (25-350 aa), His-tagged
<b>Product Overview</b>	Recombinant <i>Pseudomonas Aeruginosa</i> (strain ATCC 15692/DSM 22644/CIP 104116/JCM 14847/LMG 12228/1C/PRS 101/PAO1) OPRF Protein (25-350 aa) is produced by <i>E. coli</i> expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
<b>Description</b>	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.
<b>Source</b>	<i>E. coli</i>
<b>Tag</b>	His
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	39.3 kDa
<b>Protein length</b>	25-350 aa
<b>AA Sequence</b>	<p>           QGQNSVEIEAFGKRYFTDSVRNMKNADLYGGSIGYFLTDDVELALSYG EYHDVIRGTY            ETGNKKVHGNLTSLDAIYHFGTPGVGLRPYVSAGLAHQNITNINSDSQGRQQMTMAN            IGAGLKYYFTENFFAKASLDGQYGLEKRDNGHQGEWMAGLGVGFNFGGSKAAPAPE            PVADVCSDSNDGVCNDVCKPDT PANVTVDANGCPAVAEVVRVQLDVKFDKSK            VKENSYADIKNLADFMKQYPSTSTTVEGHTDSVGTDAYNQKLSERRANAVRDVLVNE            YGVEGGRVNAVGYGESRPVADNATAEGRAINRRVEAEVEAEAK         </p>
<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	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

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is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.
<b>Gene Name</b>	<a href="#">oprF outer membrane porin F [ <i>Pseudomonas aeruginosa</i> PAO1 ]</a>
<b>Official Symbol</b>	<a href="#">OPRF</a>
<b>Synonyms</b>	oprF;
<b>Gene ID</b>	<a href="#">878442</a>
<b>Protein Refseq</b>	<a href="#">NP_250468</a>
<b>UniProt ID</b>	<a href="#">P13794</a>
<b>Figure 1</b>	OPRF-2412P, 1.jpg
<b>Figure Note 1</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.