

## FLAER

<b>Catalog Number:</b>	604001, 604002
<b>Size:</b>	25 ug, 100 ug
<b>Target Name:</b>	Pro-aerolysin, FLAER, aerolysin, AER
<b>Regulatory Status:</b>	RUO

## PRODUCT DETAILS

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<b>Application:</b>	Flow Cytometry
<b>Format:</b>	Liquid, iFlour 488
<b>Expression Host:</b>	E.coli
<b>Species:</b>	Aeromonas hydrophila
<b>Sources:</b>	Recombinant Pro-aerolysin (Ala24-Arg453) with N-Met and C-terminus His tag is expressed in E.coli system. This protein is conjugated to iFlour 488.
<b>Molecular Weight:</b>	This protein has a predicted molecular weight of 53 kDa. Under DTT-reducing conditions, the protein migrates at approximately 55 kDa on SDS-PAGE prior to conjugation.
<b>Affinity Tag:</b>	C-His
<b>Purity:</b>	>95% based on SDS-PAGE under reducing condition
<b>Formulation:</b>	1xPBS/0.05%NaN3/0.2%BSA
<b>Endotoxin level:</b>	Not tested
<b>Protein Concentration:</b>	25µg size is bottled at 0.3mg/mL concentration. 100 µg size is supplied at a lot-specific concentration.
<b>Storage and Handling:</b>	Briefly centrifuge the vial upon receipt. An unopened vial may be stored at 2-8°C for up to six months.

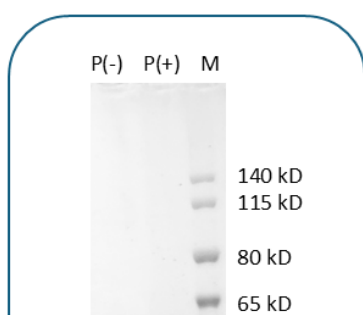
## BACKGROUND INFORMATION

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Pro-aerolysin is the inactive precursor of aerolysin, a pore-forming toxin produced by the bacterium *Aeromonas hydrophila*. It has been engineered to be non-toxic. FLAER is a fluorescently labeled derivative of pro-aerolysin and serves as a valuable reagent for detecting cells that express GPI-anchored proteins.

## PRODUCT DATA

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Purified Pro-aerolysin Protein on SDS-PAGE under non-reducing (P-) and reducing (P+) conditions. The gel was stained for 1

hour with BlinkBlue Protein Staining Buffer (Catalog 700102).  
The purity of this protein appears to be greater than 95%.

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