

Technical Data Sheet

FLAER

Catalog Number: 604001, 604002

Size: 25 ug, 100 ug

Target Name: Pro-aerolysin, FLAER, aerolysin, AER

Regulatory Status: RUO

Product Details

Application: FC

Format: Liquid, iFlour 488

Expression Host: E.coli

Species: Aeromonas hydrophila

Sources: 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.

Molecular Weight: 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.

Affinity Tag: C-His

Purity: >95% based on SDS-PAGE under reducing condition

Formulation: 1xPBS/0.05%NaN3/0.2%BSA

Endotoxin level: Not tested

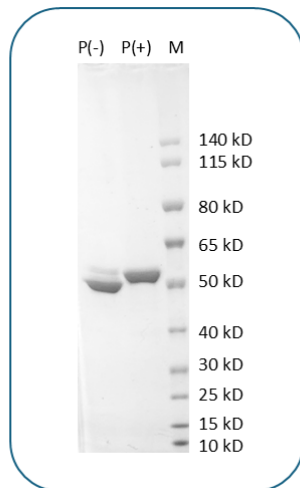
Protein Concentration: 25µg size is bottled at 0.3mg/mL concentration. 100 µg size is supplied at a lot-specific concentration.

Storage and Handling: Briefly centrifuge the vial upon receipt. An unopened vial may be stored at 2–8°C for up to six months.

Background Information

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



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%.