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InnoCyto Inc.

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FLAER

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

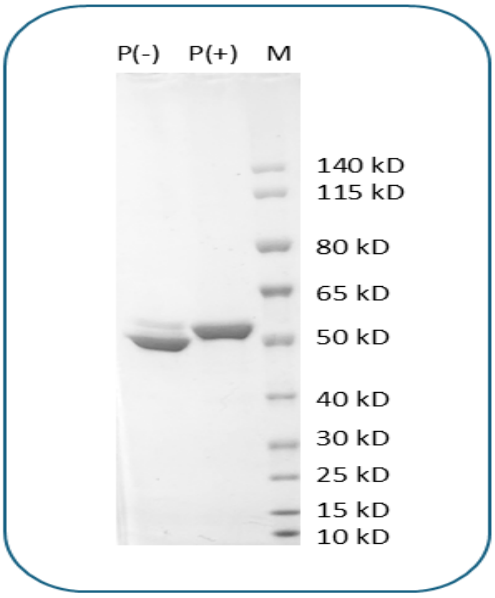
PRODUCT DETAILS

Application:	Flow Cytometry
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%.

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