

## Rhodocytin subunit beta Recombinant Protein

Recombinant Calloselasma rhodostoma Snaclec rhodocytin subunit beta

CATALOG #  
**AAA117311**

HOST  
**E Coli or Yeast or Baculovirus or Mammalian Cell**

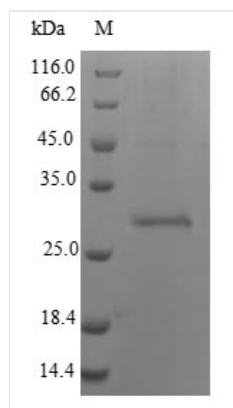
### PRODUCT SYNONYMS

Rhodocytin subunit beta; Recombinant Calloselasma rhodostoma Snaclec rhodocytin subunit beta; Aggretin beta chain; Rhodoaggretin subunit beta; Rhodocytin subunit beta recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                         |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                         |
| Sequence Positions      | 24-146aa; Full Length of Mature Protein                                                                                                  |
| Sequence                | DCPSGWSSYE GHCKYKPFNEP KNWADAERFC KLQPKHSHLV SFQSAEEADF VVKLTRPRLK ANLVWMGLSN IWHGCNWQWS DGARLNYKDW QEQSECLAFR GVHTEWLNMD CSSTCSFVCK FKA |
| Species                 | Calloselasma rhodostoma (Malayan pit viper)                                                                                              |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                   |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Rhodocytin subunit beta recombinant protein | Elicits platelet aggregation by the binding to the C-type lectin domain family 1 member B (CLEC1B/CLEC2). Binding leads to tyrosine phosphorylation in the cytoplasmic tail of CLEC1B, which promotes the binding of spleen tyrosine kinase (Syk), subsequent activation of PLCgamma2, and platelet activation and aggregation. Binding to GPIIb/IIIa (alpha2beta1) and alpha2beta1 (ITGA2/ITGB1) may also induce aggregation, but this is controversial. |
| References                                                                  | "Molecular cloning and sequence analysis of aggretin, a collagen-like platelet aggregation inducer." Chung C.-H., Au L.-C., Huang T.-F. Biochem. Biophys. Res. Commun. 263:723-727(1999)                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                         |                                 |
|-------------------------|---------------------------------|
| NCBI GI #               | 82174507                        |
| UniProt Accession #     | Q9I840                          |
| Molecular Weight        | 16.4 kDa                        |
| NCBI Official Full Name | Snaclec rhodocytin subunit beta |
| UniProt Protein Name    | Snaclec rhodocytin subunit beta |
| UniProt Entry Name      | SLYB_CALRH                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rhodocytin-subunit-beta-recombinant-protein-e-coli/117311>