

Rhodocytin subunit alpha Recombinant Protein

Recombinant Calloselasma rhodostoma Snaclec rhodocytin subunit alpha

CATALOG #
AAA18797

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

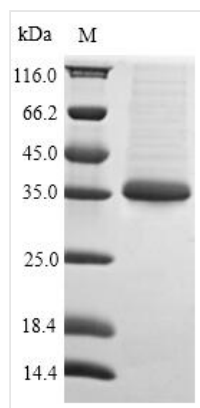
PRODUCT SYNONYMS

Rhodocytin subunit alpha; Recombinant Calloselasma rhodostoma Snaclec rhodocytin subunit alpha; Aggretin alpha chain; Rhodoaggretin subunit alpha; Rhodocytin subunit alpha 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	1-136aa; Full Length Protein
Sequence	GLEDCDFGWS PYDQHCYQAF NEQKTWDEAE KFCRAQENGA HLASIESNGE ADFVSWLISQ KDELADEDYV WIGLRAQNKE QQCSEWSDG SSVSYENLID LHTKKCGALE KLTGFRKWVN YYCEQMHAHV CKLLPY
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 alpha 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 PLC-gamma-2, and platelet activation and aggregation. Binding to GPIIb/alpha (GP1BA) and alpha-2/beta-1 (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

UniProt Accession #	Q9I841
Molecular Weight	17.8 kDa
UniProt Protein Name	Snaclec rhodocytin subunit alpha
UniProt Entry Name	SLYA_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-alpha-recombinant-protein-e-coli/18797>