
Product Data Sheet

Product Name: PROCR Human
 Cat. No.: GP24229
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Proteasomal ubiquitin receptor ADRM1; 110 kDa cell membrane glycoprotein; Gp110; Adhesion-regulating molecule 1; ARM-1; Proteasome regulatory particle non-ATPase 13; hRpn13; Rpn13 homolog; ADRM1; ARM1; Rpn13.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSSQDASDG LQRLHMLQIS YFRDPYHVWY QGNASLGGHL THVLEGPDTN TTIIQLQPLQ EPESWARTQS GLQSYLLQFH GLVRLVHQR TLAFLPTIRC FLGCELPPEG SRAHVFFEVA VNGSSFVSFR PERALWQADT QVTSGVVTFT LQQLNAYNRT RYELREFLED TCVQYVQKHI SAENTKGSQT SRSYTS.		
Formulation	The PROCR solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea.		

Introduction

Protein-c Receptor (PROCR) is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The PROCR protein is an N-glycosylated type I membrane protein which enhances the activation of protein C. PROCR gene mutations are linked with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. In addition, PROCR may have a role in malarial infection and has been linked with cancer.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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PROCR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 216 amino acids (18-210) and having a molecular mass of 24.4 kDa. PROCR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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