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**Product Data Sheet**


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Product Name: PROCR Human, Sf9  
 Cat. No.: GP24230  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
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	ADPSQDASDG LQRLHMLQIS YFRDPYHVWY QGNASLGGHL THVLEGPDTN TTIIQLQLPLQ EPESWARTQS GLQSYLLQFH GLVRLVHQR TLAFLPTIRC FLGCELPPEG SRAHVFFEVA VNGSSFVSR PERALWQADT QVTSGVVTFT LQQLNAYNRT RYELREFLED TCVQYVQKHI SAENTKGSQT SRSYTSLEPK SCDKTHTCP CPAPPELLGGP SVFLFPPKPK DTLMISRTPE VTCVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM HEALHNHYTQ KLSLSLSPGKH HHHHH.		
Formulation	PROCR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

**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

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

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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

PROCR Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 435 amino acids (18-210a.a.) and having a molecular mass of 49.3kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). PROCR is expressed with a 242 amino acids hlgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

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