

32-13366: PROCR Human, Sf9

Alternative Name : Protein C Receptor, CD201, APC Receptor, EPCR, Centrocyclin, CCD41, CCCA.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

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 hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : PROCR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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.

Amino Acid : ADPSQDASDG LQRLHMLQIS YFRDPYHVWY QGNASLGGLH THVLEGPDTN TTIIQLQPLQ EPESWARTQS
GLQSYLLQFH GLVRLVHQR TLAFLPTIRC FLGCELPPEG SRAHVFFEVA VNGSSFVSFR PERALWQADT
QVTSGVVTFT LQQLNAYNRT RYELREFLED TCVQYVQKHI SAENTKGSQT SRSYTSLEPK SCDKTHTCPP
CPAPELLGGP SVFLFPPKPK DTLNISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS
TYRVVSVLTV LHDQDLWGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL TKNQVSLTCL
VKGFIYPSDIA VEWESNGQPE NNYKTTPVL DSDGSFFLYS KLTVDKSRWQ QGNVFSCSVM
HEALHNHYTQ KSLSLSPGKH HHHHHH.