Recombinant Rat PROC Protein (42-461 aa), His-tagged

Cat. No. PROC-2432R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PROC Protein (42-461 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	Yeast
ProteinLength	42-461 aa
Description	Protein C is a vitamin K-dependent serine protease that regulates blood coagulation by inactivating factors Va and VIIIa in the presence of calcium ions and phospholipids. Exerts a protective effect on the endothelial cell barrier function.
Form	Tris-based buffer,50% glycerol
Molecular Mass	49.3 kDa
AA Sequence	ANSFLEEVRAGSLERECMEEICDFEEAQEIFQNVEDTLAFWIKYFDGDQCSTPPLDH QCDSPCCGHGTCIDGLGGFSCSCDKGWEGRFCQQEMGFQDCRVKNGGCYHYCL EETRGRRCRCAPGYELADDHMHCRPTVNFPCGKLWKRTDKKRKNFKRDIDPEDEE LELGPRIVNGTLTKQGDSPWQAILLDSKKKLACGGVLIHTSWVLTAAHCLESSKKLTV RLGEYDLRRRDPWELDLDIKEVLVHPNYTRSNSDNDIALLRLSQPATLSKTIVPICLPN SGLAQELSQAGQETVVTGWGYQSDKVKDGRRNRTFILTFIRIPLAARNDCMQVMNN VVSENMLCAGIIGDTRDACDGDSGGPMVVFFRGTWFLVGLVSWGEGCGHLNNYGV

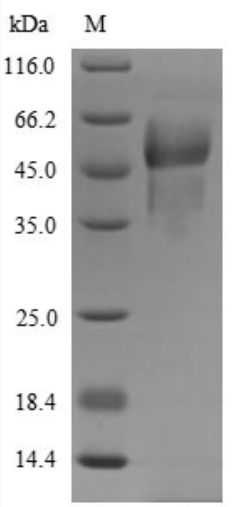
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	YTKVGSYLKWIHSYIGERDVSLKSPKL
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Proc protein C, inactivator of coagulation factors Va and VIIIa [Rattus norvegicus (Norway rat)]
Official Symbol	PROC
Synonyms	Proc;
Gene ID	25268
mRNA Refseq	NM_012803
Protein Refseq	NP_036935
UniProt ID	P31394

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA