Product datasheet for TP761291

PROCR (NM_006404) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human protein C receptor, endothelial (PROCR), full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length PROCR
Tag:	N-GST and C-His
Predicted MW:	50.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_006395
Locus ID:	10544
UniProt ID:	Q9UNN8
RefSeq Size:	1506
Cytogenetics:	20q11.22
RefSeq ORF:	714
Synonyms:	CCCA; CCD41; EPCR

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Summary: The protein encoded by this gene is a receptor for activated protein C, a serine protease activated by and involved in the blood coagulation pathway. The encoded protein is an N-glycosylated type I membrane protein that enhances the activation of protein C. Mutations in this gene have been associated with venous thromboembolism and myocardial infarction, as well as with late fetal loss during pregnancy. The encoded protein may also play a role in malarial infection and has been associated with cancer. [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Product images: