

CYR61 (Human) Recombinant Protein

Catalog # P8534

Size 20 ug

Specification

Product Description	Human CYR61 (O00622) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	TCPAACHCPLAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKGLECNFGASSTA LKGICRAQSEGRPCEYNSRIYQNGESFQPNCKHQCTCIDGAVGCIPLCPQELSLPNLGCNPRLV KVTGQCCEEWVCEDESIKDPMEDQDGLLGKELGFDASEVELTRNNELIavgkgsslkrlpvfg MEPRILYNPLQGQKCIQTTSWSQCSKTCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSL KKGKKCSKTKKSPEPVRFTYAGCLSVKKYRPKYCGSCVDGRCCPTQLTRTVKMRFRCEdGETF SKNVMMIQSKCNYNCPHANEAAFPFYRLFNDIHKFRD.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	39.5
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Storage Buffer	Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4.
Storage Instruction	Lyophilized CYR61 Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CYR61 should be stored at 4°C between 2-7 days and for future use below -18°C.

Applications

- SDS-PAGE

Gene Info — CYR61

Entrez GeneID [3491](#)

Protein Accession# [O00622](#)

Gene Name	CYR61
Gene Alias	CCN1, GIG1, IGFBP10
Gene Description	cysteine-rich, angiogenic inducer, 61
Omim ID	602369
Gene Ontology	Hyperlink
Gene Summary	CYR61 is a secreted, cysteine-rich, heparin-binding protein encoded by a growth factor-inducible immediate-early gene. Acting as an extracellular, matrix-associated signaling molecule, CYR61 promotes the adhesion of endothelial cells through interaction with integrin and augments growth factor-induced DNA synthesis in the same cell type.[supplied by OMIM]
Other Designations	OTTHUMP00000012303 cysteine-rich heparin-binding protein 61 cysteine-rich, anigogenic inducer, 61

Disease

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- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
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- [Ovarian Neoplasms](#)