

sCD105/Endoglin, Mouse Recombinant

Catalog No.	CRC805A CRC805B	Quantity:	5 µg 25 µg
Description:	A DNA sequence encoding the extracellular domain of mouse Endoglin (Met 1 - Gly 581) was expressed in insect cells. Mouse Endoglin is a disulfide-linked homodimeric protein. Based on N-terminal sequence analysis, the primary structure of recombinant mature Endoglin starts at Glu 26. Endoglin has a calculated monomeric molecular mass of 61 kDa but as a result of glycosylation, migrates at approximately 75 - 85 kDa under reducing conditions in SDS-PAGE.		
Source:	Insects cells		
Formulation:	Lyophilized with no additives.		
Purity:	Greater than 95% by SDS-PAGE and visualized by silverstain.		
Endotoxin Level:	Less than 0.1 ng/µg (1 EU/µg) of the protein.		
Biological Activity:	Measured by its ability to bind with TGF-β RII/Fc in a functional ELISA.		
Reconstitution:	Centrifuge vial prior to opening. The carrier-free protein should be used immediately upon reconstitution to avoid losses in activity due to non-specific binding to the inside surface of the vial. For future use, add a carrier protein (0.1% HSA or BSA) as a stabilizer, aliquot, and store at -20°C to -80°C.		
Storage & Stability:	Upon reconstitution, this cytokine, in the presence of a carrier protein, can be stored under sterile conditions at -20° C to -80° C for three months without detectable loss of activity. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

