

Product Data Sheet

CD105/Endoglin Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75446			
Synonyms:	Endoglin; END; CD105; ENG; Cell surface MJ7/18 antigen			
Species:	Mouse			
Source:	HEK293			
Accession:	Q63961 (R28-G581)			
Gene ID:	13805			
Molecular Weight:	65-70 kDa			

PROPERTIES

AA Sequence						
/ stocquence	MDRGVLPLPI	TLLFVIYSFV	PTTGLAERVG	CDLQPVDPTR		
	GEVTFTTSQV	SEGCVAQAAN	AVREVHVLFL	DFPGMLSHLE		
	L T L Q A S K Q N G	TETQEVFLVL	VSNKNVFVKF	QAPEIPLHLA		
	YDSSLVIFQG	QPRVNITVLP	SLTSRKQILD	WAATKGAITS		
	IAALDDPQSI	V L Q L G Q D P K A	PFLCLPEAHK	DMGATLEWQP		
	RAQTPVQSCR	LEGVSGHKEA	YILRILPGSE	AGPRTVTVMM		
	ELSCTSGDAI	LILHGPPYVS	WFIDINHSMQ	ILTTGEYSVK		
	IFPGSKVKGV	ELPDTPQGLI	AEARKLNASI	VTSFVELPLV		
	SNVSLRASSC	GGVFQTTPAP	V V T T P P K D T C	SPVLLMSLIQ		
	P K C G N Q V M T L	ALNKKHVQTL	QCTITGLTFW	DSSCQAEDTD		
	DHLVLSSAYS	S C G M K V T A H V	VSNEVIISFP	SGSPPLRKKV		
	QCIDMDSLSF	QLGLYLSPHF	LQASNTIELG	QQAFVQVSVS		
	PLTSEVTVQL	DSCHLDLGPE	GDMVELIQSR	TAKGSCVTLL		
	SPSPEGDPRF	SFLLRVYMVP	ТРТАСТЬЅСМ	LALRPSTLSQ		
	EVYKTVSMRL	N I V S P D L S G K	G			
Biological Activity	Measured by its ability to inhibit BMP9-induced alkaline phosphatase production by MC3T3E1 mouse chondrogenic cells. The ED ₅₀ for this effect is typically 25-100 ng/mL in the presence of 2 ng/mL of recombinant human BMP9.					
Appearance	Solution.					
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are adde as protectants before lyophilization.					
Endotoxin Level	<1 EU/µg, determined by LAL method.					
Reconsititution	N/A.					
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.					

DESCRIPTION

Caution: Product has not been fully validated for medical applications. For research use only.

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