Recombinant Mouse Eng Protein

Cat. No. Eng-7199M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Soluble CD105/Endoglin without tag was expressed in insect cells.
Species	Mouse
Source	Insect Cells
Description	Broad expression in lung adult (RPKM 303.5), adrenal adult (RPKM 138.1) and 16 other tissues.
Form	Lyophilized
Molecular Mass	70-75 kDa
AA Sequence	ERVGCDLQPVDPTRGEVTFTTSQVSEGCVAQAANAVREVHVLFLDFPGMLSHLELT LQASKQNGTETQEVFLVLVSNKNVFVKFQAPEIPLHLAYDSSLVIFQGQPRVNITVLP SLTSRKQILDWAATKGAITSIAALDDPQSIVLQLGQDPKAPFLCLPEAHKDMGATLEW QPRAQTPVQSCRLEGVSGHKEAYILRILPGSEAGPRTVTVMMELSCTSGDAILILHG PPYVSWFIDINHSMQILTTGEYSVKIFPGSKVKGVELPDTPQGLIAEARKLNASIVTSF VELPLVSNVSLRASSCGGVFQTTPAPVVTTPPKDTCSPVLLMSLIQPKCGNQVMTLA LNKKHVQTLQCTITGLTFWDSSCQAEDTDDHLVLSSAYSSCGMKVTAHVVSNEVIIS FPSGSPPLRKKVQCIDMDSLSFQLGLYLSPHFLQASNTIELGQQAFVQVSVSPLTSE VTVQLDSCHLDLGPEGDMVELIQSRTAKGSCVTLLSPSPEGDPRFSFLLRVYMVPTP TAGTLSCNLALRPSTLSQEVYKTVSMRLNIVSPDLSHHHHHH

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Endotoxin	< 0.1 ng/μg of sCD105
Purity	> 90 % by SDS-PAGE and visualized by Silver stain
Stability	Shelf life: one year from despatch.
Storage	Store lyophilized at 2-8 centigrade for 6 months or at -20 centigrade long term. After reconstitution store the antibody undiluted at 2-8 centigrade for one month or (in aliquots) at -20 centigrade long term. Avoid repeated freezing and thawing.
Storage Buffer	PBS
Reconstitution	The lyophilized sCD105 is soluble in water and most aqueous buffers. Restore in PBS or medium to a concentration not lower than 50 μg/mL.

GENE INFORMATION

Gene Name	Eng endoglin [Mus musculus (house mouse)]
Official Symbol	Eng
Synonyms	Eng; endoglin; En; Endo; CD105; AI528660; AI662476; S-endoglin; endoglin; cell surface MJ7/18 antigen; transmembrane glycoprotein
Gene ID	13805
mRNA Refseq	NM_001146348
Protein Refseq	NP_001139820

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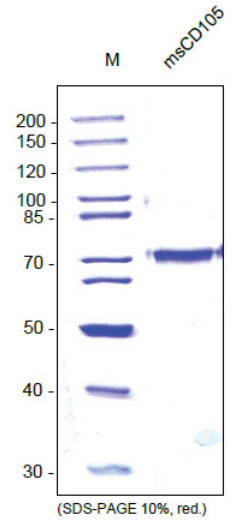
UniProt ID	Q3UAM9
SDS-PAGE	

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