

CD105/Endoglin Protein, Human (Trx-His)

Cat. No.:	HY-P7776
Synonyms:	rHuCD105, Trx, His; Endoglin; END; CD105; ENG
Species:	Human
Source:	E. coli
Accession:	P17813 (E26-Q176)
Gene ID:	2022
Molecular Weight:	Approximately 34 kDa

PROPERTIES

AA Sequence	<p>Trx - HHHHHH ETVH CDLQPVGPER GEVTTYTTSQV SKGCVAQAPN AILEVHVLFLE FPGTGPSQLE LTLQASKQNG TWPREVLLVL SVNSSVFLHL QALGIPHLA YNSSLVTFQE PPGVNTTELP SFPKTQILEW AAERGPITSA AELNDPQSIL LRLGQAQ</p>
Appearance	Solution.
Formulation	Supplied as a 0.2 µm filter solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	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.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	<p>Endoglin (CD105) is an accessory receptor for transforming growth factor beta (TGF-β) and its expression is up-regulated in actively proliferating endothelial cells. Endoglin is co-expressed with β-glycan, another component of the TGF-βR complex, in the microvascular endothelium of normal tissue. Endoglin is an appropriate marker for tumor-related angiogenesis and neovascularization. The endothelial cells of neoplasms are more prolific than endothelial cells of normal tissue and thus they express elevated endoglin levels^[1].</p>
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REFERENCES

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

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