
Product Data Sheet

Product Name: Endoglin Human, His

Cat. No.: GP20185

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CD105; ENG; END; ORW; HHT1; ORW1; FLJ41744; Endoglin.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSETVH CDLQPVGPER DEVTYTTSQV SKGCVAQAPN AILEVHVLFL EFPTGPSQLE LTLQASKQNG TWPREVLLVL SVNSSVFLHL QALGIPLHLA YNSSLVTFQE PPGVNTELP SFPKTQILEW AAERGPITSA AELNDPQSIL LRLGQAQGS SFCMLEASQD MGRRTLEWRPR TPALVRGCHL EGVAGHKEAH ILRVLPGHSA GPRTVTVKVE LSCAPGDLDL VLILQGPPYV SWLIDANHNM QIWTTGEYSF KIFPEKNIRG FKLDPDTPQGL LGEARMLNAS IVASFVELPL ASIVSLHASS CGGRLQTSPA PIQTPPKDT CSPPELLMSLI QTKCADDAMT LVLKELVAH LKCTITGLTF WDPSCEAEDR GDKFVLSAY SSCGMQVSAS MISNEAVVNI LSSSSPQRKK VHCLNMDLSL FQLGLYLSPH FLQASNTIEP GQQSFVQVRV SPSVSEFLLQ LDSCHLDLGP EGGTVELIQG RAAKGNCVSL LSPSPEGDPR FSFLLHFYTV PIPKTGTLSC TVALRPKTGS QDQEVHRTVF MRLNIISPDL SGCTSKG		
Formulation	The Endoglin solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 150mM NaCl and 10% glycerol.		

Introduction

Endoglin is a type I membrane glycoprotein located on cell surfaces and is part of the TGF beta receptor complex.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Endoglin Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 594 amino acids (26-586) and having a molecular mass of 64.9 kDa. Endoglin is fused to a 36 amino acid His-tag at N-terminus.

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