

Endoglin (27-581) Mouse Recombinant

Item Number rAP-0414

Synonyms Endoglin, Cell surface MJ7/18 antigen, CD105, Eng, Edg.

Description Endoglin Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 563 amino acids (27-581 a.a.) and having a molecular mass of 60.9kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). Endoglin is expressed with an 8 amino acid His tag at C-

Uniprot Accesion Number Q63961

Amino Acid Sequence ERVGCDLQPV DPTRGEGVTFT TSQVSEGCVA QAANAVREVH VLFLDFPGML SHLELTLQAS KQNG-TETQEFLVLVSNKNV FVKFQAPEIP LHLAYDSSLV IFQQQPRVNI TVLPSLTSRK QILDWAATKG AITS-AALDD PQSIVLQLGQ DPKAPFLCLP EAHKDMGATL EWQPRAQTPV QSCRLEGVSG HKEAYILRIL PGSEAGPRTV TVMMELSCS GDAILILHGP PYVSWFIDIN HSMQILTTGE YSVKIFPGSK VKGVELPDTP QGLIAEARKL NASIVTSFVE LPLVSNVSLR ASSCGGVFQT TPAPVTTPP KDT CSPVLLM SLI QPKCGNQ

Source Sf9, Baculovirus cells.

Physical Appearance and Stability Sterile Filtered colorless solution. 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.

Formulation and Purity Endoglin protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**