

Recombinant Cynomolgus Monkey LEFTY1 Protein, His-Tagged

Cat. No. LEFTY-001C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus Monkey LEFTY1 Protein, His-Tagged was expressed in HEK293 cell
Species	Cynomolgus
Source	HEK293
Description	Lefty (left-right determination factors) are a class of proteins that are closely related members of the TGF-beta superfamily of growth factors. These proteins are secreted and play a role in left-right asymmetry determination of organ systems during development.[1] Mutations of the genes encoding these proteins have been associated with left-right axis malformations, particularly in the heart and lungs.
Molecular Mass	The protein has a calculated MW of 39.7 kDa.
AA Sequence	LTGEQLLGSLQLQLSEAPVLDRADMEELVIPAHVRAQYVTLLQRSHGDRSRGKR FSQSFREVAGRFLASEASTHLLVFGMEQRLPPNSELVQAVLRLFQEPVPKATLHRH GRLSPRSARARVTVEWLRVRDDGSNRTSLIDSRLVSVHESGWKVFDVTEAVNFWQ QLSRPRQPLLLQVSVQREHPGPLASGAHKLVRFASQGAPAGLGEPQLELHTLDLGD YGAQGDCDPEAPVTEGTRCCRQEMYIDLQGMKWADNWWLEPPGFLAYECVGTCQ QPPEALAFKWPFLGPRQCIASETASLPMIVSIKEGGRTRPQVVSLPNMRVQKCSCAS DGALVPRGLQPDDDDKHHHHHH
Endotoxin	1EU/ug by LAL

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Purity	90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.25 mg/ml
Storage Buffer	25mM Tris, 150mM NaCl, pH 8.0.

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