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Recombinant Human Left-right Determination Factor 2 Protein(N-6His)

产品货号: TP05446

第三版

别名:Left-right determination factor 2; Endometrial bleeding-associated factor; Left-right determination factor A; Protein lefty-2; Protein lefty-A; Transforming growth factor beta-4; TGF-beta-4; LEFTY2; EBAF; LEFTA; LEFTYA; TGFB4

描述:Left-right determination factor 2(LEFTY2) is a secreted protein which belongs to the TGF-beta family. Lefty was first identified in a screen for undifferentiated cell-specific cDNAs from the P19 mouse embryonal carcinoma cells. Its mRNA expression on the left side of the developing embryo earned the name “ Lefty ” . The human orthologue was initially identified as Eba1, Endometrial bleeding associated factor. Lefty contains the six cysteine residues that are conserved among TGF- related proteins and that are necessary to form the cysteine knot structure. Its function in patterning left-right asymmetry of the developing organ systems such as the heart and lung is consistent in all vertebrate species examined. Lefty acts as an antagonist to Nodal signaling, potentially by competing for binding to a common receptor. It may play a role in endometrial bleeding.

配方:PBS

分子量:39.1 kDa

序列:Phe78-Pro366

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.