

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN ANGPT2(19-496) PROTEIN, HIS TAG

货号: 11870

产品全名: 人 ANGPT2(19-496) 蛋白

规格: 10/50/100 µg

基因符号 AGPT2;ANG2;LMPHM10

目标蛋白: ANGPT2 UNIPROT ID: 015123

描述: Recombinant Human ANGPT2(19-496) Protein with C-terminal

6xHis tag

背景: This gene belongs to the angiopoietin family of growth factors. The protein encoded by this gene is an antagonist of angiopoietin 1, and both angiopoietin 1 and angiopoietin 2 are ligands for the endothelial TEK receptor tyrosine kinase. Angiopoietin 2 is upregulated in multiple inflammatory diseases and is implicated in the direct control of inflammation-related signaling pathways. The encoded protein affects angiogenesis during embryogenesis and tumorigenesis, disrupts the vascular remodeling ability of angiopoietin 1, and may induce endothelial cell apoptosis. This gene serves a prognostic biomarker for acute respiratory distress syndrome. [provided by RefSeq, Aug 2020]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 55.7 kDa after removal of the signal peptide. The apparent molecular mass of ANGPT2(19-496)-His is approximately 55-70 kDa due to glycosylation.

分子特征: ANGPT2(Tyrl9-Phe496) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



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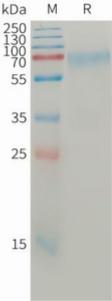


Figure 1. Human ANGPT2(19-496) Protein, His Tag on SDS-PAGE under reducing condition.