

**HUMAN ANGPTL7 PROTEIN, HIS TAG**

目录: 11885

产品名称: Human ANGPTL7 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: AngX;CDT6;dJ647M16.1

**Target:** ANGPTL7

**UNIPROT ID:** O43827

**描述:** Recombinant Human ANGPTL7 Protein with C-terminal 6xHis tag

**背景:** Has a role in the formation and organization of the extracellular matrix. In the eye, it functions as a mediator of dexamethasone-induced matrix deposition in the trabecular meshwork, the tissue responsible for the outflow of the ocular aqueous humor and for the maintenance of intraocular pressure (PubMed:21199193). Is a negative regulator of angiogenesis in the cornea, and plays a major role in maintaining corneal avascularity and transparency (PubMed:25622036).[UniProtKB/Swiss-Prot Function]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 37.9 kDa after removal of the signal peptide. The apparent molecular mass of ANGPTL7-His is approximately 35–55 kDa due to glycosylation.

**Molecular Characterization:** ANGPTL7(Gln27-Pro346) 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.



Figure 1. Human ANGPTL7 Protein, His Tag on SDS-PAGE under reducing condition.