

Recombinant Human ANGPT1 protein, His-tagged

Cat. No. ANGPT1-2548H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANGPT1 protein(161-293 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	161-293 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	IQLLNSLSITYKLEKQLLQQTNEILKIHEKNSLLEHKILEMEGKHKEELDTLKEEKENL QGLVTRQTYIIQELEKQLNRATTNNSVLQKQQLMDTVHNLVNLCTKEGVLLKGGK REEEKPFRCADVYQAG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	ANGPT1 angiotensinogen 1 [Homo sapiens]
Official Symbol	ANGPT1
Synonyms	ANGPT1; angiotensinogen 1; angiotensinogen-1; Ang1; KIAA0003; ANG-1; AGP1; AGPT; ANG1;
Gene ID	284
mRNA Refseq	NM_001146
Protein Refseq	NP_001137
MIM	601667
UniProt ID	Q15389

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