

Angiopoietin 1 (ANGPT1) Recombinant Protein | ANGPT1 recombinant protein

Recombinant Angiopoietin 1 (ANGPT1)

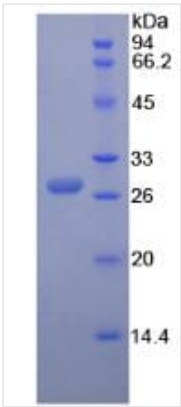
CATALOG # AAA133952	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Angiopoietin 1 (ANGPT1); Recombinant Angiopoietin 1 (ANGPT1); ANGPT1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSNSEF-TK EVLLKGGKKE EEKPFRCAD VYQAGFNKSG IYTIYINNMP EPKKVFCNMD VNGGGWTVIQ HREDGSLDFQ RGWKEYKMGF GNPSGEYWLG NEFIFAITSQ RQYTLRIELM DCEGNRAYSQ YDRFHIGNEK QNYRLYLKCH TGTAGKQSSL ILHGADFSTK DADNDNCMCK CALMLTGGWW FDACGPSNLN GMFYTAGQNH GKLNGIKWHY FKGPSYSLRS TTMMIRPLDF
Sequence Length	497
Applicable Applications for ANGPT1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Canis familiaris; Canine (Dog)
Expression System	Prokaryotic expression
Residues	Thr266~Phe497 (Accession # Q60FC1) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.



TKEVL	LKGGKKEEEK	PFRDCADVYQ	AGFNKSGIYT
IYINNMPEPK	KVFCNMDVNG	GGWTVIQHRE	DGSLDFQRGW
KEYKMGFGNP	SGEYVLGNEF	IFAITSORQY	TLRIELMDCE
GNRAYSQYDR	FHIGNEKQNY	RLYLKCHTGT	AGKQSSLILH
GADFSTKDAD	NDNCMKCAL	MLTGGWVFA	CGPSNLNGMF
YTAGQNHGKL	NGIKWHYFKG	PSYSLRSTTH	MIRPLDF

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	54262113
NCBI GeneID	403656
NCBI Accession #	NP_001005754.1
NCBI GenBank Nucleotide #	NM_001005754.2
UniProt Accession #	Q60FC1
Molecular Weight	28.1kDa
NCBI Official Full Name	angiotensin-1
NCBI Official Symbol	ANGPT1
NCBI Official Synonym Symbols	ANG1
NCBI Protein Information	angiotensin-1; ANG-1
UniProt Protein Name	Angiotensin-1
UniProt Gene Name	ANGPT1
UniProt Synonym Gene Names	ANG-1
UniProt Entry Name	ANGPT1_CANFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.