

Datasheet for ABIN7519675
Angiopietin 4 Protein (ANGPT4) (His tag)



[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	Angiopietin 4 (ANGPT4)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Angiopietin 4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ANG-4/ANGPT4 Protein
Sequence:	QQTRQEADRG CETLVVQHGH CSYTFLLPKS EPCPPGPEVS RDSNTLQRES LANPLHLGKL PTQQVKQLEQ ALQNNTQWLK KLERAIKTIL RSKLEQVQQQ MAQNQTAPML ELGTSLLNQT TAQIRKLTDM EAQLLNQTSR MDAQMPETFL STNKLENQLL LQRQKLQQLQ GQNSALEKRL QALETQQEE LASILSKKAK LLNTLSRQSA ALTNIERGLR GVRHNSSLQ DQQHSLRQLL VLLRHLVQER ANASAPAFIM AGEQVFQDCA EIQRSGASAS GVYTIQVSNA TKPRKVFCDL QSSGGRWTLI QRRENGTVNF QRNWKDYKQG FGDPAGEHWL GNEVVHQLTR RAAYSLRVEL QDWEGHEAYA QYEHFHLGSE NQLYRLSVVG YSGSAGRQSS LVLQNTSFST LDSDNDHCLC KCAQVMGGW WFDACGLSNL NGVYYHAPDN KYKMDGIRWH YFKGPSYSRLR ASRMMIRPLD I
Specificity:	Gln23-Ile503
Purity:	> 90 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

Target Details

Target:	Angiopoietin 4 (ANGPT4)
Alternative Name:	ANG-4/ANGPT4 (ANGPT4 Products)
Background:	Description: Human Angiopoietin-4 (Ang-4) (1), alternatively named Ang-3 (2), is a secreted glycoprotein belonging to the angiopoietin family. It has the characteristic structural motifs of angiopoietins including the coiled-coiled domain near the amino-terminus and a fibrinogen-like domain at the C-terminus. Name: ANG3, ANG4
Gene ID:	51378
UniProt:	Q9Y264
Pathways:	RTK Signaling

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Concentration:	0.45 mg/mL
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.