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## Product Datasheet

### Recombinant Human Angiopoietin-2/ANG-2/ANGPT2(275-496) Protein ABB-RP02008

Article Name	Recombinant Human Angiopoietin-2/ANG-2/ANGPT2(275-496) Protein
Biozol Catalog Number	ABB-RP02008
Supplier Catalog Number	RP02008
Alternative Catalog Number	ABB-RP02008-10UG,ABB-RP02008-100UG,ABB-RP02008-20UG,ABB-RP02008-50UG,ABB-RP02008-500UG,ABB-RP02008-1000UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Lys275-Phe496
Product Description	Angiopoietin-2 (Ang-2, also ANGPT2) is a secreted glycoprotein that plays a complex role in angiogenesis and inflammation . Mature Ang-2 is 478 amino acids in length.Ang2 is widely expressed during development, but it is restricted postnatally to hig...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	26.30 kDa
NCBI	<a href="#">285</a>
UniProt	<a href="#">O15123</a>
Purity	95 % as determined by SDS-PAGE.

Form	Lyophilized from a 0.22 µm filtered solution of 20mM MOPS 150 mM NaCl 0.05% CHAPS pH 7.0.
Sequence	KEEQISFRDCAEVFKSGHTTNGIYTLTFPNSTEEIKAYCDMEAGGGGWTIIQRR EDGSVDFQRTWKEYKVGFGNPSGEYWLGNEFVSQLTNQQRVYVKIHLKDWE GNEAYSLYEHFYLSSEELNYRIHLKGLTGTAGKISSISQPGNDFSTKDGDNDKC ICKCSQMLTGGWWFDACGPSNLNGMYYPQRQNTNKFNGIKWYYWKGSGYS LKATTMMIRPADF
Target	Angiopoietin-2/ANGPT2
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 20mM MOPS 150 mM NaCl 0.05% CHAPS pH 7.0.
Application Notes	Cross-Reactivity: Centrifuge the tube 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., ResearchArea: Growth Factor, Biosimilar Drug Targets