

## Recombinant Human ANGPT2(Lys275-Phe496) Protein, C-6\*His-tagged

**Cat. No.** ANGPT2-245H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ANGPT2(O15123)(Lys275-Phe496) Protein, fused with a 6*His tag at the C-terminus, was produced in HEK293.                                                 |
| <b>Species</b>          | Human                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                     |
| <b>ProteinLength</b>    | 275-496 a.a.                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from a 0.2 µm filtered solution of 20mM MOPS, 150mM NaCl, 0.1% Chaps, pH7.5.                                                                                   |
| <b>Molecular Mass</b>   | The recombinant Human ANGPT2 Protein has a predicted molecular mass of 23.6kDa , it migrates with an apparent molecular mass of 30-35kDa under reducing conditions         |
| <b>AA Sequence</b>      | Lys275-Phe496                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein as determined by the LAL method.                                                                                                           |
| <b>Purity</b>           | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                       |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

**Gene Name**

ANGPT2 angiotensin 2 [ Homo sapiens ]

**Official Symbol**

ANGPT2

**Synonyms**

ANGPT2; angiotensin 2; angiotensin-2; Ang2; ANG-2; Tie2-ligand; angiotensin-2B; angiotensin-2a; ANG2; AGPT2;

**Gene ID**

285

**mRNA Refseq**

NM\_001118887

**Protein Refseq**

NP\_001112359

**MIM**

601922

**UniProt ID**

O15123

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