

CD58 Protein, Cynomolgus (HEK293, His)

| | |
|-------------------|---|
| Cat. No.: | HY-P76808 |
| Synonyms: | Lymphocyte Function-Associated Antigen 3; Surface Glycoprotein LFA-3; LFA3; Ag3; CD58 antigen |
| Species: | Cynomolgus |
| Source: | HEK293 |
| Accession: | F7HQR6 (M1-R215) |
| Gene ID: | 714204 |
| Molecular Weight: | 38-42 kDa |

PROPERTIES

| | |
|---------------------|--|
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Endotoxin Level | <1 EU/ μ g, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

| | |
|------------|--|
| Background | <p>The ANGPTL7/Angiopoietin-related 7 protein assumes a crucial role in the formation and organization of the extracellular matrix. Particularly in the eye, it acts as a mediator of dexamethasone-induced matrix deposition within the trabecular meshwork, a tissue essential for the outflow of ocular aqueous humor and the maintenance of intraocular pressure. Additionally, ANGPTL7 serves as a negative regulator of angiogenesis in the cornea, playing a significant role in preserving corneal avascularity and transparency, as suggested by research findings. Structurally, it forms a homotetramer through disulfide linkages, further emphasizing its role in maintaining the structural integrity of the extracellular matrix in ocular tissues.</p> |
|------------|--|

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA