



## **ANGPTL3, Recombinant, Human (Angiopoietin-like Protein 3, Angiopoietin-5, ANG-5)**

### **Catalog number**

044523

### **Supplier**

United States Biological

ANGPTL3 (Angiopoietin-like protein 3) regulates angiogenesis and also directly regulates lipid, glucose, and energy metabolism.

**Human ANGPTL3 (aa1-460) is fused at the C-terminus to a FLAG®-tag expressed in HEK 293 cells (NM\_014495.3)**

### **Biological Activity**

Activates ERK phosphorylation in THP-1 cells.

### **Storage and Stability**

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -70°C. Aliquots are stable for 6 months after receipt at -70°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

### **Formulation**

Supplied as a lyophilized powder from PBS, pH 7.4, 100mM sodium chloride, 2.2mM potassium chloride.

### **Purity**

≥90% (SDS-PAGE)

### **Grade**

Highly Purified

### **Storage**

-70°C

### **MW**

60

### **Antigen Modification**

Recombinant, HEK 293 cells

### **Reference**

1. Y. Li, et al.; Acta Biochim. Biophys. Sin. (Shanghai) 40, 459 (2008). 2. H.E. Broxmeyer, et al.; Blood Cells Mol. Dis. 3. Ando, Y., et al., J. Lipid Res. 44: 1216-1223. 4. Lee, E-Chiang, et al., J. Biol. Chem. 284:13735-13745.