

Recombinant Mouse VEGFR2 / KDR Protein, His Tag

产品信息

产品名称	产品编号	规格
Recombinant Mouse VEGFR2 / KDR Protein, His Tag	93129ES60	100 µg
	93129ES76	500 µg

产品简介

VEGFR2 (KDR/Flk-1), VEGFR1 (Flt-1) and VEGFR3 (Flt-4) belong to the class III subfamily of receptor tyrosine kinases (RTKs). Tyrosine-protein kinase that acts as a cell-surface receptor for VEGFA, VEGFB and PGF, and plays an essential role in the development of embryonic vasculature, the regulation of angiogenesis, cell survival, cell migration, macrophage function, chemotaxis, and cancer cell invasion. The tyrosine kinase receptor vascular endothelial growth factor receptor 2 (VEGFR2) is a key regulator of angiogenesis.

性能参数

Synonyms	CD309; KDR; VEGFR; VEGFR2; VEGFR-21; FLK1; KRD1; Ly73
Uniprot No.	P35918-1
Source	Recombinant Mouse VEGF R2/KDR Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains Ala20-Glu762.
Molecular Weight	The protein has a predicted MW of 84.11 kDa. Due to glycosylation, the protein migrates to 110-140 kDa based on Tris-Bis PAGE result.
Purity	> 95% as determined by SDS-PAGE and HPLC.
Endotoxin	<1.0 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 ug/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

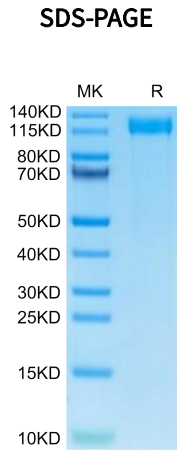


Figure 1. Mouse VEGF R2 on SDS-PAGE under reduced condition. The purity is greater than 95%.

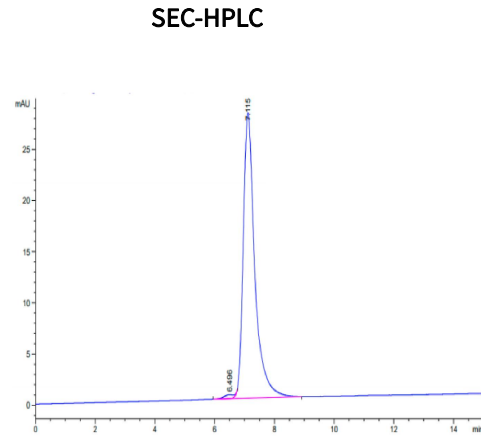


Figure 2. The purity of Mouse VEGF R2 is greater than 95% as determined by SEC-HPLC.