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Datasheet for ABIN7504560
FLT4 Protein (AA 25-775) (Fc Tag)

Overview

Quantity:	100 µg
Target:	FLT4
Protein Characteristics:	AA 25-775
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT4 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse VEGF R3/FLT4 Protein
Sequence:	Tyr25-Glu775
Characteristics:	Recombinant Mouse VEGF R3/FLT4 Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Tyr25-Glu775.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	FLT4
Alternative Name:	VEGF R3 (FLT4 Products)

Target Details

Background:	Vascular endothelial growth factor (VEGF) and its receptors VEGF-R1, -R2 and -R3 play important roles in tumor angiogenesis and are associated with poor prognosis in several solid tumors. VEGF-R1, -R2 and -R3 were highly expressed in CRC cells and stromal vessels. VEGF-R1 strong positive staining correlated with shorter survival after CRC surgery.
Molecular Weight:	111.69 kDa. Due to glycosylation, the protein migrates to 115-160 kDa based on Tris-Bis PAGE result.
UniProt:	P35917
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGF Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months