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Datasheet for ABIN1001215
FLT1 Protein (AA 31-328) (His tag)

Overview

Quantity:	10 µg
Target:	FLT1
Protein Characteristics:	AA 31-328
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT1 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Vascular Endothelial Growth Factor Receptor-1 (VEGF-R1) (Western Blot Control)
Sequence:	SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SLKGTQHIMQ AGQTLHLQCR GEAHKWVSLP EMVSKESERL SGPSFKSVNT SVHI
Characteristics:	recombinant VEGFR-1 comprises a 298 amino acid fragment (31-328) corresponding to the IgLike domains 1-3 from the mature soluble VEGFR protein. VEGFR-1 is expressed in E. coli with an amino-terminal hexahistidine tag.
Purity:	> 95 %

Target Details

Target:	FLT1
Alternative Name:	Vascular Endothelial Growth Factor Receptor-1 (FLT1 Products)
Background:	VEGFR-1 belongs to a family of five receptor tyrosine kinase receptors that are specific to a number of angiogenic factors including VEGF and PDGF, and are therefore thought to play a role in the angiogenic process. VEGFR-1 is expressed in two forms, predominantly on endothelial cells, giving rise to a full-length membrane bound receptor and a truncated soluble receptor. Elevated levels of the soluble form of this VEGF receptor may be used in the diagnosis of pathological conditions.,Vascular endothelial growth factor receptor-1 [precursor], VEGFR-1, EC 2.7.1.112, Vascular permeability factor receptor , Tyrosine-protein kinase receptor FLT, FLT-1, Tyrosine-protein kinase FRT, FMS-like tyrosine kinase 1.
Molecular Weight:	38.16 kDa
UniProt:	P17948
Pathways:	RTK Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C