

VEGFR-1 Protein, Human (756a.a, HEK293, His)

Cat. No.:	HY-P73554
Synonyms:	Vascular endothelial growth factor receptor 1; FLT; FLT1; FRT; VEGFR-1
Species:	Human
Source:	HEK 293
Accession:	P17948 (M1-N756)
Gene ID:	2321
Molecular Weight:	110-120 kDa

PROPERTIES

Biological Activity	Measured by its ability to inhibit the VEGF-dependent proliferation of human umbilical vein endothelial cells (HUVEC) and the ED ₅₀ is typically 10-40 ng/mL in the presence of 10 ng/mL human VEGF165.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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

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