

Human VEGF Recombinant Protein

PX-P1060-10

DESCRIPTION

VEGF (Vascular endothelial growth factor) Recombinant Protein was initially isolated from tumor cells and assigned to as Tumor Angiogenesis Factor or Vascular Permeability Factor. It is a homodimeric protein intended for use in cell culture applications. It stimulates vasculogenesis and angiogenesis. They are part of the system that reestablishes the oxygen supply to tissues when blood circulation is insufficient. VEGFA can operate as a proinflammatory mediator during the pathogenesis of rheumatoid arthritis (RA), and preserve rheumatoid synoviocytes from apoptosis, which provides to synovial hyperplasia.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Human
FRAGMENT	Partial*
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	14,65 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	70%
PROTEIN ACCESSION	AAH65522.2
FORM	Frozen
BUFFER	PBS,pH 7.5 urea +8M
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

MORE INFO

GENE ID	7422
SWISSPROTID	P15692
UNIPROT ID	P15692
UNIPROT LINK	http://www.uniprot.org/uniprot/P15692
NCBI GENE ALIASES	MVCD1, VPF, VEGF
SYNONYMS	VEGF, VEGFA protein, Vascular endothelial growth factor A, VEGF-A, Vascular permeability factor, VPF, VEGFA

PROTEIN SEQUENCE

MAHNHRHKHKLLDDDDKAPMAEGGGQNHHEVVKFMDVYQRSYCHPIETLVDIFQEYYPDEIEYIFKPCVPLMRCGGCCNDE
GLECVPTESNITMQIMRIKPHQGQHIGEMSFLQHNKCECRPKKDR

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