

VEGF-D recombinant protein

Recombinant Human VEGF-D

CATALOG #
AAA52749

HOST
Yeast

PRODUCT SYNONYMS

VEGF-D; Recombinant Human VEGF-D; Human VEGF-D Recombinant Protein; VEGF-D recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	>95% as visualized by SDS-PAGE analysis Purification: Ion-Exchange Chromatography
Form/Format	Lyophilized without carrier protein.
Sequence	FAATFYDIET LKVIDEEWQR TQCSPRETCV EVASELGKST NTFFKPPCVN VFRCGGCCNE ESLICMNTST SYISKQLFEI SVPLTSVPPEL VPVKVANHTG CKCLPTAPRH PYSIIRR(11 7)
Sequence Length	354
Number of Amino Acids	117
Bioactivity	In Testing
Contains	Recombinant proteins produced in yeast.
Source Note	Recombinant Human VEGF-D was produced in yeast and , therefore, does not have endotoxin. It is naturally folded and post-translationally modified.
Reconstitution	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.
Preparation and Storage	Stable for up to 12 months from date of receipt at -20°C. Stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for VEGF-D recombinant protein	Background: Vascular endothelial growth factor (VEGF) proteins stimulate vasculogenesis and angiogenesis. They are part of the system that restores the oxygen supply to tissues when blood circulation is inadequate. The normal function of VEGF proteins is to create new blood vessels during embryonic development, new blood vessels after injury, muscle following exercise, and new vessels (collateral circulation) to bypass blocked vessels. The VEGF family has six members, including VEGF-A, VEGF-B, VEGF-C, VEGF-D, VEGF-E, and Placental Growth Factor (PGF).
Product Categories/Family for VEGF-D recombinant protein	Recombinant Proteins ; ELISA Standards

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758378
NCBI GeneID	2277
NCBI Accession #	NP_004460.1
NCBI GenBank Nucleotide #	NM_004469.5

UniProt Accession #	O43915
Molecular Weight	13.1 kDa
NCBI Official Full Name	vascular endothelial growth factor D preproprotein
NCBI Official Synonym Full Names	vascular endothelial growth factor D
NCBI Official Symbol	VEGFD
NCBI Official Synonym Symbols	FIGF; VEGF-D
NCBI Protein Information	vascular endothelial growth factor D
UniProt Protein Name	Vascular endothelial growth factor D
UniProt Gene Name	FIGF
UniProt Synonym Gene Names	VEGFD; VEGF-D; FIGF
UniProt Entry Name	VEGFD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/figf-recombinant-protein-yeast/52749>