

Product Datasheet

Recombinant Human VEGF Protein NBC1-21277

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBC1-21277**Recombinant Human VEGF Protein****Product Information**

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10 % glycerol
Target Molecular Weight	14.2 kDa

Product Description

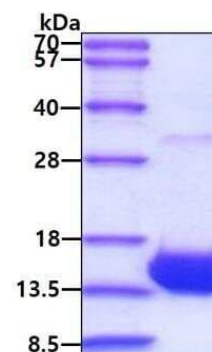
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 207-327 of Human VEGF</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MAPMAEGGGQ NHHEVVKFMD VYQRSYCHPI ETLVDIFQEY PDEIEYIFKP SCVPLMRCGG CCNDEGLECV PTEESNITMQ IMRIKPHQQG HIGEMSFLQH NKCECRPKKD RARQEKCDKP RR</p>
Gene ID	7422
Gene Symbol	VEGFA
Species	Human
Details of Functionality	Human VEGF121 stimulates cell proliferation of the HUVEC human umbilical vein endothelial cells. The ED50 range less than or equal to 4 ng/ml.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details

Applications	In vitro assay, SDS-Page, Bioactivity
Recommended Dilutions	In vitro assay, SDS-Page, Bioactivity
Application Notes	Use in In vitro reported in secitific publication PMID: 32468064

Images

SDS-Page: Recombinant Human VEGF Protein [NBC1-21277] - 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain



Publications

Zhao C, Zhao Z, Wang Z et al. Supervillin promotes tumor angiogenesis in liver cancer Oncol. Rep. 2020-05-25 [PMID: 32468064] (In vitro, Human)



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Limitations

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