

Datasheet for ABIN935735 IGF1B Protein



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Overview

Quantity:	25 µg
Target:	IGF1B
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	LPVAPPQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRCECRHSPGRQS PDMPGDFRAD APSFLPPRRS LPMLFRMEWG CALTGSQSAV WPSSPVPEEI PRMHPGRNGK KQQRKPLREK MKPERCGDAV PRR
Characteristics:	Purified recombinant Human PIGF3 protein Expression System: E.coli Bioactivity: Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-50.0 ng/mL.
Purity:	> 95 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	IGF1B
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Target Details

Alternative Name:	IGF3 (IGF1B Products)
Background:	<p>PIGF-3 is an angiogenic factor that belongs to the cysteine-knot superfamily of growth factors. PIGF-3 is expressed exclusively in the placenta. It signals through the VEGFR-1/FLT1 receptor and stimulates endothelial cell proliferation and migration. PIGF-3 lacks heparin binding affinity.</p> <p>Alternative Names: PIGF 3 protein, PIGF 3, PIGF3, Placenta Growth Factor-3 protein, PIGF-3 protein, PIGF-3 protein, PGFL protein, PIGF-3</p>
Molecular Weight:	45.7 kDa

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in water to a concentration of 0.1 - 1.0 mg/mL.
Buffer:	Supplied lyophilized with no additives.
Preservative:	Without preservative
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.