

# Product datasheet for AR50788PU-N

### CD34 (His-tag) Human Protein

#### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

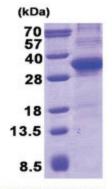
Product Type:	Recombinant Proteins
Description:	CD34 (His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSLDNNGTAT PELPTQGTFS NVSTNVSYQE TTTPSTLGST SLHPVSQHGN EATTNITETT VKFTSTSVIT SVYGNTNSSV QSQTSVISTV FTTPANVSTP ETTLKPSLSP GNVSDLSTTS TSLATSPTKP YTSSSPILSD IKAEIKCSGI REVKLTQGIC LEQNKTSSCA EFKKDRGEGL ARVLCGEEQA DADAGAQVCS LLLAQSEVRP QCLLLVLANR TEISSKLQLM KKHQSDLKKL GILDFTEQDV ASHQSYSQKT
Tag:	His-tag
Predicted MW:	29.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT
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Preparation: Protein Description:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT</li> <li>Liquid purified protein</li> <li>Recombinant human CD34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid</li> </ul>
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Preparation: Protein Description: Storage: Stability:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT</li> <li>Liquid purified protein</li> <li>Recombinant human CD34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.</li> <li>Shelf life: one year from despatch.</li> </ul>
Preparation: Protein Description: Storage: Stability: RefSeq:	<ul> <li>State: Liquid purified protein</li> <li>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 20% glycerol, 1 mM DTT</li> <li>Liquid purified protein</li> <li>Recombinant human CD34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.</li> <li>Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.</li> <li>Shelf life: one year from despatch.</li> <li>NP 001020280</li> </ul>



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	CD34 (His-tag) Human Protein – AR50788PU-N
Summary:	The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Protein Families	: Adult stem cells, Cancer stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS, Transmembrane
Protein Pathway	<b>/s:</b> Cell adhesion molecules (CAMs), Hematopoietic cell lineage

## Product images:



15% SDS-PAGE (3ug)

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