

## Product datasheet for **AR50788PU-N**

### CD34 (His-tag) Human Protein

#### Product data:

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 NVSTNVSQYE TTPSTLGST SLHPVSQHGN EATTNITETT VKFTSTSVIT SVYGNTNSSV QSQTSVISTV FTTPANVSTP ETLKPSLSP GNVSDLSTTS TSLATSPTKP YTSSPILSD 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
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CD34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001020280</a>
Locus ID:	947
UniProt ID:	<a href="#">P28906</a>
Cytogenetics:	1q32.2



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**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 Pathways:** Cell adhesion molecules (CAMs), Hematopoietic cell lineage

**Product images:**

