

Product datasheet for AR50788PU-S

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CD34 (His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: CD34 (His-tag) human recombinant protein, 50 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MSLDNNGTAT PELPTQGTFS NVSTNVSYQE TTTPSTLGST

or AA Sequence: 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

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: <u>NP 001020280</u>

Locus ID: 947

 UniProt ID:
 P28906

 Cytogenetics:
 1q32.2

Synonyms: Hematopoietic progenitor cell marker





Summary: The protein encoded by this gene may play a role in the attachment of stem cells to the bone

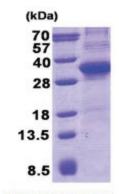
marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

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:



15% SDS-PAGE (3ug)