

Product datasheet for **TP304446L**

CD34 (NM_001025109) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human CD34 molecule (CD34), transcript variant 1, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC204446 protein sequence
Red=Cloning site **Green**=Tags(s)

MLVRRGARAGPRMPRGWTALCLLSLLPSGFMSLDNNGTATPELPTQGTFNSVSTNVSQYETTTTPSTLGST
SLHPVSQHGNEATTNITETTvkftstsvitsvygntnssvqsqtsvistvfttpanvstpettlkpslsp
GNVSDLSTTSTSLATSPTKPYTSSPILSDIAEIKCSGIREVKLTQGICLEQNKTSSEAEFKKDRGEGL
ARVLCGEEQADADAGAQCSSLQAQSEVRPQCLLLVLNARTEISSKLQLMKKHQSDLKGLGILDFTEQDV
ASHQSYSQKTLIALVTSGALLAVLGITGYFLMNRRSWSPTGERLGEDPYYTENGGGQGYSSGPGTSPEAQ
GKASVNRGAQENGTGQATSRNGHSARQHVVADTEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 40.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001020280](#)

Locus ID: 947



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UniProt ID: [P28906](#)

RefSeq Size: 2621

Cytogenetics: 1q32.2

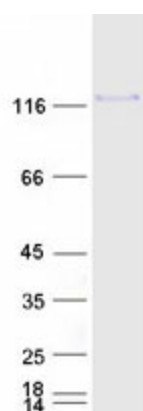
RefSeq ORF: 1155

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:



Coomassie blue staining of purified CD34 protein (Cat# [TP304446]). The protein was produced from HEK293T cells transfected with CD34 cDNA clone (Cat# [RC204446]) using MegaTran 2.0 (Cat# [TT210002]).