

Product datasheet for TP304446

CD34 (NM_001025109) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human CD34 molecule (CD34), transcript variant 1, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC204446 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MLVRRGARAGPRMPRGWTALCLLSLLPSGFMSLDNNGTATPELPTQGTFNSVSTNVSQYETTTTPSTLGST SLHPVSQHGNEATTNITETTvkftstsvitsvygntnssvqsqtsvistvfttpanvstpettlkpslsp GNVSDLSTTSTSLATSPTKPYTSSSPILSDIKAEIKCSGIREVKLTQGICLEQNKTSSCAEFKKDRGEG ARVLCGEEQADADAGAQVCSLLLAQSEVRPQCLLLVLANRTEISSKLQLMKKHQSDLKKGILDFTEQDV ASHQSYSQKTLIALVTSGALLAVLGITGYFLMNRWSWPTGERLGEDPYTENGGGQGYSSGPGTSPEAQ GKASVNRGAQENGTGQATSRNGHSARQHVVADTEL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| 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: | <u>NP_001020280</u> |
| Locus ID: | 947 |



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UniProt ID: [P28906](#)

RefSeq Size: 2621

Cytogenetics: 1q32.2

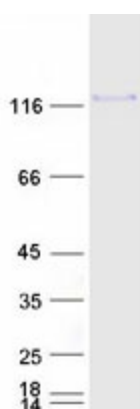
RefSeq ORF: 1155

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]).