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Product datasheet for TP723394

CD34 (NM_001025109) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human CD34 molecule (CD34), transcript variant 1.
Species:	Human
Expression Host:	CHO
Expression cDNA Clone or AA Sequence:	LDNNGTATPE LPTQGTFSNV STNVSYQETT TPSTLGSTSL HPVSQHGNEA TTNITETTVK FTSTSVITSV YGNTNSSVQS QTSVISTVFT TPANVSTPET TLKPSLSPGN VSDLSTTSTS LATSPTKPYT SSSPILSDIK AEIKCSGIRE VKLTQGICLE QNKTSSCAEF KKDRGEGLAR VLCGEEQADA DAGAQVCSLL LAQSEVRPQC LLLVLANRTE ISSKLQLMKK HQSDLKKLGI LDFTEQDVAS HQSYSQKT
Tag:	Tag Free
Predicted MW:	27 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer,100mM NaCl, pH 7.2
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001020280
Locus ID:	947
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]

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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