DCBLD1 Recombinant Protein

PRODUCT OVERVIEW

Product Name	DCBLD1, Recombinant Protein
Full Product Name	DCBLD1 Protein, Human, Recombinant (His Tag)
Product Gene Name	DCBLD1 recombinant protein
Product Synonym Names	Human Discoidin/DCBLD1 Protein (His Tag); dJ94G16.1 Protein, Human; RP1-94G16.1 Protein, Human; discoidin, CUB and LCCL domain containing 1
Sequence	Met1-Val45 9
Host	HEK293 Cells
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Purity/Purification	>95% as determined by SDS-PAGE
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice.
Molecular Weight	77,920 Da
3D Structure	ModBase 3D Structure for Q8N8Z6
Species	Human
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Glu 35
Tag	C-His
Protein Construction	A DNA sequence encoding the human DCBLD1 (Q8N8Z6-2)(Met1-Val459) was expressed with a polyhistidine tag at the C-terminus.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Related Product Information for DCBLD1 recombinant protein	Background: Discoidin, also known as DCBLD1, contains 1 CUB domain, 1 F5/8 type C domain and 1 LCCL domain. It is a 715 amino acid single-pass membrane protein. Discoidin has a discoidin I-like domain which shares a common C-terminal region of about 110 amino acids with the FA58C domain, but whose N-terminal 40 amino acids are much less conserved. Discoidin gene contains 31 distinct gt-ag introns. Transcription produces 18 different mRNAs, 16 alternatively spliced variants and 2 unspliced forms. Discoidin is expected to localize in various compartments.
Product References and Citations for DCBLD1 recombinant protein	The MGC Project Team. (2004) The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Genome Res. 14:2121-27.Horton R, et al. (2003) The DNA sequence and analysis of human chromosome 6. Nature 425:805-11.Suzuki Y, et al. (2004) Complete sequencing and characterization of 21,243 full-length human cDNAs. Nat Genet. 36:40-5.
Other Notes	Small volumes of DCBLD1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for DCBLD1 purchase	MBS8121718 is a recombinant protein targeting DCBLD1. Also known as DCBLD1 Protein, Human, Recombinant (His Tag). Host: HEK293 Cells.



SDS-Page of DCBLD1 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DCBLD1. It may not necessarily be applicable to this product.

NCBI GI #	27735143
NCBI GeneID	285761
NCBI Accession #	NP_775945.1
UniProt Primary Accession #	Q8N8Z6
UniProt Secondary Accession #	Q5H992; Q8IYK5; Q8N7L9; Q96NH2
UniProt Related Accession #	Q8N8Z6
GenBank Nucleotide #	NM_173674.1
NCBI Official Full Name	discoidin, CUB and LCCL domain-containing protein 1
NCBI Official Synonym Full Names	discoidin, CUB and LCCL domain containing 1
NCBI Official Symbol	DCBLD1
NCBI Official Synonym Symbols	dJ94G16.1
UniProt Protein Name	Discoidin, CUB and LCCL domain-containing protein 1
Protein Family	Discoidin, CUB and LCCL domain-containing protein
UniProt Gene Name	DCBLD1
UniProt Entry Name	DCBD1_HUMAN
NCBI Protein Information	discoidin, CUB and LCCL domain-containing protein 1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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