

OriGene Technologies, Inc.

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Product datasheet for TP302230

MCFD2 (NM_139279) Human Recombinant Protein

Product data:

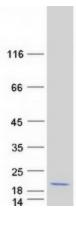
Description:Recombinant protein of human multiple coagulation factor deficiency 2 (MCFD2), 20 µgSpecies:HumanExpression DDNA Com or AA Sequence:RC202230 protein sequence Red=Coning site Green=Tags(s)Ked=Coning site Green=Tags(s)MTMRSLLRTPFLCGLLWAFCAPGARAEEPAASFSQPGSMGLDKNTVHDQEHIMEHLEGVINKPEAEMSPQ ELQLHYFKMHDVDGNNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIIDGVLRDDDKNNDGVIDYAE FASSQTag:CMCyCDDKTag:CMcyCDDKPredicted MW:30.50 µg/L as determined by DisrOptate BCA methodOncentration:9.005 µg/L as determined by DSP-PAGE and Coomassie blue staining disroptate BCA methodPreparation:Stand Trister Coll Wind Sydser, PAGE and Coomassie blue staining chromatographysteps.Note:Stand Trister Coll Wind Sydser, PAGE and Coomassie blue staining disroptate, Score and Systeps.Note:Stabe for Lanoths from the date of receipt of the product under proper storage and handing conditions. Avoid receater the work cycles.Refser:Ned 4308 Alsel of 11Locus ID:MIMELALMiPC ALLScore and Alsel of 12Kefser:Ned 4308 Alsel of 13Locus ID:MIMELALMiPC ALLScore and Alsel of 14Locus ID:MIMELALKefser:Ned 4308 Alsel of 14Locus ID:MIMELALKefser:Ned 4308 Alsel of 14Locus ID:MIMELALKefser:Ned 4308 Alsel of 14Locus ID:MIMELALKefser:Ned 4308 Alsel of 14Locus ID:MIMELALKefser:MIMELAL <tr< th=""><th>Product Type:</th><th>Recombinant Proteins</th></tr<>	Product Type:	Recombinant Proteins
Expression Host:HEK293TExpression CDNA ClopRc202230 protein sequence Red=Cloning site Green=Tags(s)RC202230 protein sequence Red=Cloning site Green=Tags(s)RC20230 protein sequence LQLHYFKMHDYDGNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIDGVLRDDDKNDGVIDYAE LASLQLRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DKPredicted MW:3.5 kDaGoncentration:0.50 g/g/L as determined by microplate BCA methodPurity:0.50 g/g/L as determined by SDS-PAGE and Coomassie blue stainingPurity:0.50 mr/si-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Cecombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sora etaemone son forein during the filtration process.Storage:Sora etaemone son forein during the filtration process.Storage:Stole for 12 months from the date of receipt of the product under proper storage and handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NE 644808Locus ID:QSNI22	Description:	Recombinant protein of human multiple coagulation factor deficiency 2 (MCFD2), 20 μg
Pression cDNA GlowRC202230 protein sequence Red=Cloning site Green=Tags(s)RCMA Sequence:RC202230 protein sequence Red=Cloning site Green=Tags(s)MTMRSLLRTPFLCGLLWAFCAPGARAEEPAASFSQPGSMGLDKNTVHDQEHIMEHLEGVINKPEAEMSPQ ELQLHYFKMHDYDGNNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIIDGVLRDDDKNDGYIDYAE FAKSLQTag:RTRRPLEQKLISEEDLAANDILDYKDDDDKVTag:0.4Mc/DDKPredicted MW:13.5 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 60m Jin Tris-HCI, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Sor et sting in cell culture applications, please filter before use. Note that you may experience som closs of protein during the filtration process.Storage:Stora 4.80°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:M 1644808Locus ID:90411UniProt ID:908NI22	Species:	Human
or AA Sequence:Red=Cloning site Green=Tags(s)MTMRSLLRTPFLCGLLWAFCAPGARAEEPAASFSQPGSMGLDKNTVHDQEHIMEHLEGVINKPEAEMSPQ ELQLHYFKMHDYDGNNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIIDGVLRDDDKNDDGYIDYAE FAKSLQTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:13.5 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.05 µg/µL as determined by microplate BCA methodPreparation:\$60% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:\$60% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingPreparation:\$60% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 µg/µL as determined by SDS-PAGE and Coomassie blue stainingProcess:Stomatography steps.Note:\$67 esting 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_644808Locus ID:90411UniProt ID:Q8NI22	Expression Host:	HEK293T
ELQLHYFKMHDYDGNNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIDGVLRDDDKNNDGYIDYAE FAKSLQTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:13.5 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:0.5 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation:Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Store at -80°C.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:MP 644808Locus ID:08NI12	•	
Tag:C-Myc/DDKPredicted MW:13.5 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerolPreparation: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 handing conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 644808Locus ID:90411UniProt ID:Q8NI22		ELQLHYFKMHDYDGNNLLDGLELSTAITHVHKEEGSEQAPLMSEDELINIIDGVLRDDDKNNDGYIDYAE
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handling conditions. Avoid repeated freeze-thaw cycles.RefSeq:NP 644808Locus ID:90411UniProt ID:Q8NI22	Storage:	Store at -80°C.
Locus ID: 90411 UniProt ID: Q8NI22	Stability:	
UniProt ID: <u>Q8NI22</u>	RefSeq:	<u>NP 644808</u>
	Locus ID:	90411
RefSeq Size: 4196	UniProt ID:	<u>Q8NI22</u>
	RefSeq Size:	4196



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	MCFD2 (NM_139279) Human Recombinant Protein – TP302230
Cytogenetics:	2p21
RefSeq ORF:	438
Synonyms:	F5F8D; F5F8D2; LMAN1IP; SDNSF
Summary:	This gene encodes a soluble luminal protein with two calmodulin-like EF-hand motifs at its C- terminus. This protein forms a complex with LMAN1 (lectin mannose binding protein 1; also known as ERGIC-53) that facilitates the transport of coagulation factors V (FV) and VIII (FVIII) from the endoplasmic reticulum to the Golgi apparatus via an endoplasmic reticulum Golgi intermediate compartment (ERGIC). Mutations in this gene cause combined deficiency of FV and FVIII (F5F8D); a rare autosomal recessive bleeding disorder characterized by mild to moderate bleeding and coordinate reduction in plasma FV and FVIII levels. This protein has also been shown to maintain stem cell potential in adult central nervous system and is a marker for testicular germ cell tumors. The 3' UTR of this gene contains a transposon-like human repeat element named 'THE 1'. A processed RNA pseudogene of this gene is on chromosome 6p22.1. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2016]

Product images:



Coomassie blue staining of purified MCFD2 protein (Cat# TP302230). The protein was produced from HEK293T cells transfected with MCFD2 cDNA clone (Cat# [RC202230]) using MegaTran 2.0 (Cat# [TT210002]).

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