

OriGene Technologies, Inc.

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Product datasheet for TP314725

CD247 (NM_198053) Human Recombinant Protein

Product data:

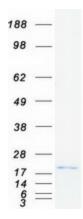
Description:Recombinant protein of human CD247 molecule (CD247), transcript variant 1, 20 µgSpecies:HumanExpression CDNAHEK293TChymession cDNARed=Cloning site Green=Tags(s)Chymession cDNARed=Cloning site Green=Tags(s)MkWKALFTAALQAQLPITEAQSFGLLDPKLCYLLDGILFIYGVILTALFLRVKFSRSADAPAYQQGQNQ VYGLSTATKDTYDALHMQALPPRTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKFredicted MW:16.3 kDaConcentration:20.05 µg/µL as determined by microplate BCA methodPreparation:25 mM Tris-HCI 100 mM glycine, pH 7.3, 10% glycerolPreparation:Consbinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.Note:Some instruction of the step of t	Product Type:	Recombinant Proteins
Expression Hoss:HEK293TExpression cDNA Clone or AA Sequera>Rc214725 representing NM_198053 Red=Cloning site Green=Tags(s)KWKALFTAAILQAQLPITEAQSFGLLDPKLCYLLDGILFIYGVILTALFLRVKFSRSADAPAYQQGQNQ LYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNELQKDKMAEAYSEIGMKGERRRGKGHDDG VQGLSTATKDTYDALHMQALPPRTag:CMyc/DKFrag:CMyc/DKPredicted MW:16.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM 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:For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.Storage: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 32170Locus ID:919	Description:	Recombinant protein of human CD247 molecule (CD247), transcript variant 1, 20 μg
Supposition ODNA Connego or AA SequeueeReC14725 representing NM_198053 Red=Cloning site Green=Tags(s)ked=Cloning site Green	Species:	Human
Cone or AA Sequence:Red=Cloning site Green=Tags(s)MKWKALFTAAILQAQLPITEAQSFGLLDPKLCYLLDGILFIYGVILTALFLRVKFSRSADAPAYQQGQNQ LYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNELQKDKMAEAYSEIGMKGERRRGKGHDGL YQGLSTATKDTYDALHMQALPPRTag:TRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPredicted MW:16.3 kDaConcentration:>0.05 µg/µL as determined by microplate BCA methodPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingBuffer:25 mM 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:Stor 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 932170Locus ID:919	Expression Host:	HEK293T
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	RefSeq:	<u>NP 932170</u>
	Locus ID:	919
UniProt ID: <u>P20963</u>	UniProt ID:	<u>P20963</u>
RefSeq Size: 1677	RefSeq Size:	1677



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	CD247 (NM_198053) Human Recombinant Protein – TP314725
Cytogenetics:	1q24.2
RefSeq ORF:	489
Synonyms:	CD3-ZETA; CD3H; CD3Q; CD3Z; IMD25; T3Z; TCRZ
Summary:	The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Protein Families	Druggable Genome, Transmembrane
Protein Pathway	s: Natural killer cell mediated cytotoxicity, T cell receptor signaling pathway

Product images:



Coomassie blue staining of purified CD247 protein (Cat# TP314725). The protein was produced from HEK293T cells transfected with CD247 cDNA clone (Cat# [RC214725]) using MegaTran 2.0 (Cat# [TT210002]).

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