OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP319914M

LCN9 (NM_001001676) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lipocalin 9 (LCN9), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219914 representing NM_001001676 Red=Cloning site Green=Tags(s) MALLLLSLGLSLIAAQEFDPHTVMQRNYNVARVSGVWYSIFMASDDLNRIKENGDLRVFVRNIEHLKNGS LIFDFEYMVQGECVAVVVVCEKTEKNGEYSINYEGQNTVAVSETDYRLFITFHLQNFRNGTETHTLALYE TCEKYGLGSQNIIDLTNKDPCYSKHYRSPPRPPMRW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20.1 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:	NP_001001676
Locus ID:	392399
UniProt ID:	Q8WX39, V9HWI8
RefSeq Size:	531

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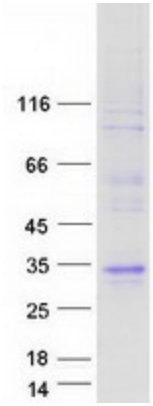
Cytogenetics:	9q34.3
RefSeq ORF:	528
Synonyms:	HEL129
Summary:	Members of the lipocalin family, such as LCN9, have a common structure consisting of an 8-stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).[supplied by OMIM, Aug 2009]
Protein Families:	Secreted Protein

Product images:



Coomassie blue staining of purified LCN9 protein (Cat# [TP319914]). The protein was produced from HEK293T cells transfected with LCN9 cDNA clone (Cat# [RC219914]) using MegaTran 2.0 (Cat# [TT210002]).