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 TP316716L

C14orf151 (INF2) (NM_022489) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human inverted formin, FH2 and WH2 domain containing (INF2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	Recombinant protein was produced with TrueORF clone, RC216716.
Tag:	C-Myc/DDK
Predicted MW:	135.4 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_071934
Locus ID:	64423
UniProt ID:	Q27J81
RefSeq Size:	4725
Cytogenetics:	14q32.33
RefSeq ORF:	3747
Synonyms:	C14orf151; C14orf173; CMTDIE; FSGS5; pp9484

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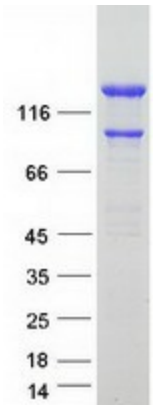
Summary: This gene represents a member of the formin family of proteins. It is considered a diaphanous formin due to the presence of a diaphanous inhibitory domain located at the N-terminus of the encoded protein. Studies of a similar mouse protein indicate that the protein encoded by this locus may function in polymerization and depolymerization of actin filaments. Mutations at this locus have been associated with focal segmental glomerulosclerosis 5.[provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified INF2 protein (Cat# [TP316716]). The protein was produced from HEK293T cells transfected with INF2 cDNA clone (Cat# [RC216716]) using MegaTran 2.0 (Cat# [TT210002]).