

## Product datasheet for **TP318469L**

### **C14orf151 (INF2) (NM\_032714) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human chromosome 14 open reading frame 151 (C14orf151), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC218469 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSVKEGAQRKWAALKEKLGPDSDPTEANLESADPELCIRLLQMPSVNYSGLRKRLEGSDDGGWMVQFLE  
QSGDLLLEALARLSGRGVARISDALLQLTCVSCVRAMNSRQGIIEYILSNQGYVRQLSQALDTSNVMVK  
KQVFELLAALCIYSPGHLVTLTDALDHYKTVCSQQYRFSIVMNELSGSDNVPYVVTLLSVINAVILGPED  
LRARTQLRNEFIGLQLLDVLR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 25.8 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\\_116103](#)

**Locus ID:** 64423

**UniProt ID:** [Q27J81](#)



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RefSeq Size: 1719

Cytogenetics: 14q32.33

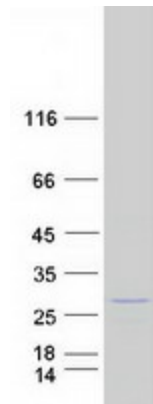
RefSeq ORF: 702

Synonyms: C14orf151; C14orf173; CMTDIE; FSGS5; pp9484

**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# [TP318469]). The protein was produced from HEK293T cells transfected with INF2 cDNA clone (Cat# [RC218469]) using MegaTran 2.0 (Cat# [TT210002]).