

## Product datasheet for **TP302297M**

### **LRR51 (NM\_145309) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human leucine rich transmembrane and O-methyltransferase domain containing (LRTOMT), transcript variant 1, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC202297 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MNKRDMNTSVQEPPLDYSFRSIHVIQDLVNEEPRTGLRPLKRSKSGKSLTQSLWLNNVNLNDRDFNQV ASQLEHPENLAWIDLSFNDLTSIDPVLTTFFNLSVLYLHGNSIQRLGEVNKLAVLPRLRSLTLHGPNME EEKGYRQYVLCITLRSITTFDFSGVTKADRRTAEVWKRNMNIKPKKAWTKQNTL  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	22 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_660352</a>
<b>Locus ID:</b>	220074
<b>UniProt ID:</b>	<a href="#">Q96E66</a> , <a href="#">A0A024R5L6</a>



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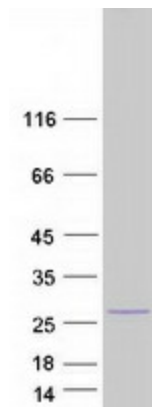
RefSeq Size: 2658

Cytogenetics: 11q13.4

RefSeq ORF: 576

**Summary:** This locus represents naturally occurring readthrough transcription between the neighboring LRR51 (leucine-rich repeat containing 51) and TOMT (transmembrane O-methyltransferase) genes on chromosome 11. The readthrough transcript encodes a fusion protein that shares sequence identity with each individual gene product. Multiple reports implicate mutations in this gene in nonsyndromic deafness.[provided by RefSeq, Feb 2021]

### Product images:



Coomassie blue staining of purified LRTOMT protein (Cat# [TP302297]). The protein was produced from HEK293T cells transfected with LRTOMT cDNA clone (Cat# [RC202297]) using MegaTran 2.0 (Cat# [TT210002]).