

Product datasheet for **TP302297L**

LRR51 (NM_145309) Human Recombinant Protein

Product data:

| | |
|--|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human leucine rich transmembrane and O-methyltransferase domain containing (LRTOMT), transcript variant 1, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202297 protein sequence Red =Cloning site Green =Tags(s) |
| | MNKRDMNTSVQEPPLDYSFRSIHVIQDLVNEEPRTGLRPLKRSKSGKSLTQSLWLNNVNLNDRDFNQV ASQLEHPENLAWIDLSFNDLTSIDPVLTTFFNLSVLYLHGNSIQRLGEVNKLAVLPRLRSLTLHGPNME EEKGYRQYVLCITLRSITTFDFSGVTKADRRTAEVWKRNMNIKPKKAWTKQNTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 22 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_660352 |
| Locus ID: | 220074 |
| UniProt ID: | Q96E66 , A0A024R5L6 |



[View online »](#)

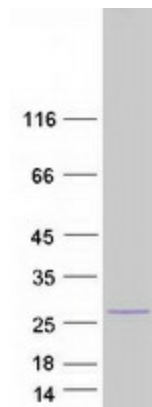
RefSeq Size: 2658

Cytogenetics: 11q13.4

RefSeq ORF: 576

Summary: This locus represents naturally occurring readthrough transcription between the neighboring LRRC51 (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]).