

Product datasheet for **TP302297**

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, 20 µg
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



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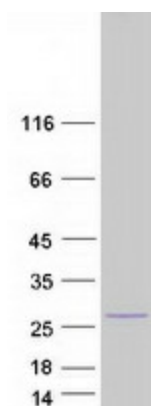
RefSeq Size: 2658

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]).