

Recombinant Human TRIT1 Protein, MYC/DDK-tagged

Cat. No. TRIT1-2811H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIT1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is targeted to the mitochondrion and modifies transfer RNAs (tRNAs) by adding a dimethylallyl group onto the adenine at position 37. This modification is important for maintaining the correct reading frame during protein translation. This gene is considered a tumor suppressor and its expression can decrease cell growth. Alternative splicing results in multiple transcripts variants, most of which are likely non-functional.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	52.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TRIT1 tRNA isopentenyltransferase 1 [Homo sapiens]
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Official Symbol	TRIT1
Synonyms	GRO1; hGRO1; IPPT; IPT; IPTase; MOD5
Gene ID	54802
mRNA Refseq	NM_017646
Protein Refseq	NP_060116
UniProt ID	Q9H3H1

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