

**PRODUCT INFORMATION**

<b>Target</b>	TRIT1
<b>Synonyms</b>	COXPD35; GRO1; hGRO1; IPPT; IPT; IPTase; MOD5
<b>Description</b>	Recombinant protein of human tRNA isopentenyltransferase 1 (TRIT1)
<b>Delivery</b>	2-3 weeks
<b>Uniprot ID</b>	Q9H3H1
<b>Expression Host</b>	HEK293T
<b>Tag</b>	C-Myc/DDK
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	52.5 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	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. [provided by RefSeq, Aug 2015]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

