

Recombinant Human C12orf65 Protein, MYC/DDK-tagged

Cat. No. C12orf65-624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C12orf65, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This nuclear gene encodes a mitochondrial matrix protein that appears to contribute to peptide chain termination in the mitochondrial translation machinery. Two different 1 bp deletions (resulting in the same premature stop codon) result in decreased mitochondrial translation, decreased levels of oxidative phosphorylation complexes and encephalomyopathy. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	18.6 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	C12orf65 chromosome 12 open reading frame 65 [Homo sapiens (human)]
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Official Symbol	C12orf65
Synonyms	C12orf65; chromosome 12 open reading frame 65; CL065_HUMAN; COXPD7; mitochondrial; Probable peptide chain release factor C12orf65; probable peptide chain release factor C12orf65, mitochondrial; SPG55;
Gene ID	91574
mRNA Refseq	NM_152269
Protein Refseq	NP_689482
MIM	613541
UniProt ID	Q9H3J6

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