

Recombinant Full Length Human C12orf65 Protein, GST-tagged

Cat. No. C12orf65-5061HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ38663 full-length ORF (NP_689482.1, 1 a.a. - 166 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	166 amino acids
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. [provided by RefSeq, Aug 2010]
Molecular Mass	45.2 kDa
AA Sequence	MSTVGLFHFPTPLTRICPAPWGLRLWEKLTLLSPGIAVTPVQMAGKKDYPALLSLDE NELEEQFVKGHGPGGQATNKTSNCVVLKHIPSGIVVKCHQTRSVDQNRKLARKILQE KVDVFYNGENSPVHKEKREAAKKKQERKKRAKETLEKKLLKELWESSKKVH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	C12orf65 chromosome 12 open reading frame 65 [Homo sapiens (human)]
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_001143905
Protein Refseq	NP_001137377
MIM	613541
UniProt ID	Q9H3J6

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