

Recombinant Full Length Human OPA3 Protein, C-Flag-tagged

Cat. No. OPA3-2101HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human OPA3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The mouse ortholog of this protein co-purifies with the mitochondrial inner membrane. Mutations in this gene have been shown to result in 3-methylglutaconic aciduria type III and autosomal dominant optic atrophy and cataract. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	19.8 kDa
AA Sequence	MVVGAFPMAKLLYLGIQVSKPLANRIKEAARRSEFFKTYICLPPAQLYHWVEMRTK MRIMGFRGTVIKP LNEEAAAELGAELLGEATIFIVGGGCLVLEYWRHQAQQRHKEEE QRAAWNALRDEVGHLALALEALQAQV QAAPPQGALEELRTELQEVRAQLCNPGRS ASHAVPASKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

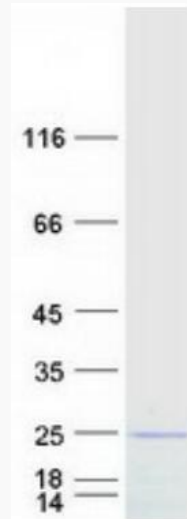
GENE INFORMATION

Gene Name	OPA3 outer mitochondrial membrane lipid metabolism regulator OPA3 [Homo sapiens (human)]
Official Symbol	OPA3
Synonyms	MGA3
Gene ID	80207
mRNA Refseq	NM_025136.4
Protein Refseq	NP_079412.1
MIM	606580
UniProt ID	Q9H6K4

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Coomassie blue staining of purified OPA3 protein.

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