

Product datasheet for PH302959

OPA3 (NM_025136) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OPA3 MS Standard C13 and N15-labeled recombinant protein (NP_079412)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202959
Predicted MW:	20 kDa
Protein Sequence:	>RC202959 protein sequence Red=Cloning site Green=Tags(s) MVGAFPMAKLLYLGIQVSKPLANRIKEAARRSEFFKTYICLPPAQLYHWVEMRTKMRIMGFRGTVIKP LNEEAAAELGAELLGEATIFIVGGCLVLEYWRHQAQQRHKEEQRAAWNLRDEVGHLALALEALQAQV QAAPPQGALEELRTELQEVRAQLCNPGRSASHAVPASKK TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_079412
RefSeq Size:	7889
RefSeq ORF:	537
Synonyms:	MGA3
Locus ID:	80207
UniProt ID:	Q9H6K4

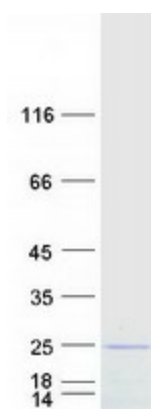


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Cytogenetics: 19q13.32

Summary: 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. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified OPA3 protein (Cat# [TP302959]). The protein was produced from HEK293T cells transfected with OPA3 cDNA clone (Cat# [RC202959]) using MegaTran 2.0 (Cat# [TT210002]).