

Product datasheet for PH304914

FAM136A (NM_032822) Human Mass Spec Standard

Product data:

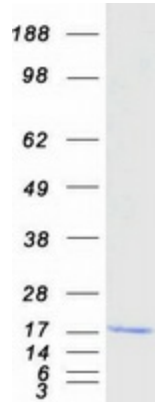
Product Type:	Mass Spec Standards
Description:	FAM136A MS Standard C13 and N15-labeled recombinant protein (NP_116211)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204914
Predicted MW:	15.6 kDa
Protein Sequence:	>RC204914 protein sequence Red =Cloning site Green =Tags(s) MAELQQLRVQEAVESMVKSLERENIRKMQGLMFRCSASCCEDSQASKQVHQCIERCHVPLAQAQALVTS ELEKFQDRLARCTMHCNDKAKDSIDAGSKELQVKQLDSCVTKCVDHMHLIPTMTKKMKEALLSIGK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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:	<u>NP_116211</u>
RefSeq Size:	1824
RefSeq ORF:	414
Locus ID:	84908
UniProt ID:	<u>Q96C01</u>
Cytogenetics:	2p13.3



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Summary:

This gene encodes a mitochondrially localized protein that is highly conserved across species. The gene is expressed in a variety of tissues including human lymphoblast cells and rat neurosensory epithelium of the crista ampullaris. A mutation in this gene has been associated with familial Meniere's disease, a chronic disorder of the inner ear. Several pseudogenes of this gene are found on other chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016]

Product images:

Coomassie blue staining of purified FAM136A protein (Cat# [TP304914]). The protein was produced from HEK293T cells transfected with FAM136A cDNA clone (Cat# [RC204914]) using MegaTran 2.0 (Cat# [TT210002]).