

Product datasheet for PH318037

ODAPH (NM_178497) Human Mass Spec Standard

Product data:

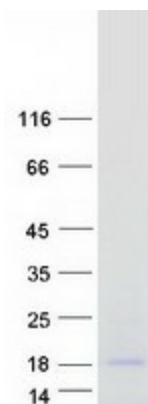
Product Type:	Mass Spec Standards
Description:	C4orf26 MS Standard C13 and N15-labeled recombinant protein (NP_848592)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218037
Predicted MW:	15.6 kDa
Protein Sequence:	>RC218037 protein sequence Red =Cloning site Green =Tags(s) MARRHCFSYWLLVCWLVTVAEGQEEVFTPPGDSQNNADATDCQIFTLPPPAPRSPVTRAQPITKTPRC PFHFFRRPRIHFRFPNRPFVPSRCNHRFPFQPFYWPHRYLTYRYFPRRRLQRGSSEES 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:	NP_848592
RefSeq Size:	1882
RefSeq ORF:	390
Synonyms:	A12A4; C4orf26
Locus ID:	152816
UniProt ID:	Q17RF5
Cytogenetics:	4q21.1



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Summary:

Dental enamel forms the outer cap of teeth and is the hardest substance found in vertebrates. This gene is thought to encode an extracellular matrix acidic phosphoprotein that has a function in enamel mineralization during amelogenesis. Mutations in this gene are associated with recessive hypomineralized amelogenesis imperfecta. [provided by RefSeq, Oct 2012]

Product images:

Coomassie blue staining of purified ODAPH protein (Cat# [TP318037]). The protein was produced from HEK293T cells transfected with ODAPH cDNA clone (Cat# [RC218037]) using MegaTran 2.0 (Cat# [TT210002]).