

Product datasheet for PH310984

Otoraplin (OTOR) (NM_020157) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OTOR MS Standard C13 and N15-labeled recombinant protein (NP_064542)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210984
Predicted MW:	14.3 kDa
Protein Sequence:	>RC210984 protein sequence Red=Cloning site Green=Tags(s) MARILLFLPGLVAVCAVHGIFMDRLASKKLCADDECVYTISLASAQEDYNAPDCRFINVKKGQIYVYS KLVKENGAGEFWAGSVYGDGQDEMGVVGYFPRNLVKEQRYQEATKEVPTTDIDFFCE 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_064542
RefSeq Size:	1482
RefSeq ORF:	384
Synonyms:	FDP; MIAL1
Locus ID:	56914
UniProt ID:	Q9NRC9
Cytogenetics:	20p12.1



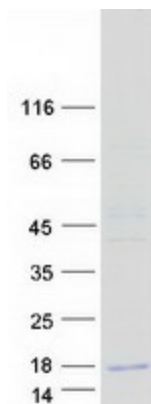
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Summary:

This gene encodes a member of the melanoma-inhibiting activity gene family. The encoded protein is secreted via the Golgi apparatus and may function in cartilage development and maintenance. A frequent polymorphism in the translation start codon of this gene can abolish translation and may be associated with forms of deafness. [provided by RefSeq, Jul 2013]

Protein Families:

Secreted Protein, Transmembrane

Product images:

Coomassie blue staining of purified OTOR protein (Cat# [TP310984]). The protein was produced from HEK293T cells transfected with OTOR cDNA clone (Cat# [RC210984]) using MegaTran 2.0 (Cat# [TT210002]).