

## Product datasheet for PH311259

### OTOS (NM\_148961) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OTOS MS Standard C13 and N15-labeled recombinant protein (NP_683764)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211259
Predicted MW:	9.9 kDa
Protein Sequence:	>RC211259 protein sequence Red=Cloning site Green=Tags(s)  MQACMVPGLALCLLLGPLAGAKPVQEEGDPYAELPAMPYWPFFSTSDFWNYVQHFQALGAYPQIEDMARTF FAHFPLGSTLGFHVPYQED  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:	<a href="#">NP_683764</a>
RefSeq Size:	566
RefSeq ORF:	267
Synonyms:	OTOSP
Locus ID:	150677
UniProt ID:	<a href="#">Q8NHW6</a>
Cytogenetics:	2q37.3

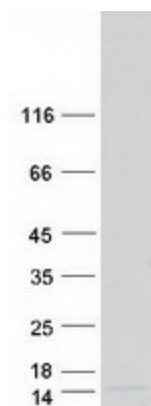


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**Summary:** Otospiralin is synthesized by nonsensory cells (fibrocytes) of the inner ear, and downregulation of otospiralin in guinea pigs leads to deafness (Lavigne-Rebillard et al., 2003 [PubMed 12687421]).[supplied by OMIM, Mar 2008]

**Protein Families:** Secreted Protein

**Product images:**



Coomassie blue staining of purified OTOS protein (Cat# [TP311259]). The protein was produced from HEK293T cells transfected with OTOS cDNA clone (Cat# [RC211259]) using MegaTran 2.0 (Cat# [TT210002]).