

Recombinant Human OTOS Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OTOS-5418H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OTOS MS Standard C13 and N15-labeled recombinant protein (NP_683764) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Otospiralin is synthesized by nonsensory cells (fibrocytes) of the inner ear, and downregulation of otospiralin in guinea pigs leads to deafness.
Molecular Mass	9.9 kDa
AA Sequence	MQACMVPGLALCLLLGPLAGAKPVQEEGDPYAELPAMPYWPFSTSDFWNYVQHFQ ALGAYPQIEDMARTFFAHFPLGSTLG FHV PYQEDTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA

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Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name OTOS otospiralin [Homo sapiens (human)]

Official Symbol OTOS

Synonyms OTOS; otospiralin; OTOSP; otospiralin

Gene ID 150677

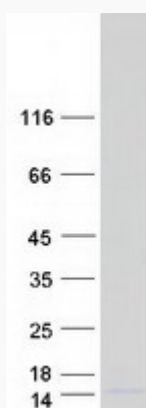
mRNA Refseq NM_148961

Protein Refseq NP_683764

MIM 607877

UniProt ID Q8NHW6

SDS-PAGE



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