

Product datasheet for **TP311259M**

OTOS (NM_148961) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human otospiralin (OTOS), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211259 protein sequence Red =Cloning site Green =Tags(s)
	 MQACMVPGLALCLLLGPLAGAKPVQEEGDPYAELPAMPYWPFFSTDFWNYVQHFQALGAYPQIEDMARTF FAHFPLGSTLGFHVPYQED TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_683764
Locus ID:	150677
UniProt ID:	Q8NHW6
RefSeq Size:	566
Cytogenetics:	2q37.3



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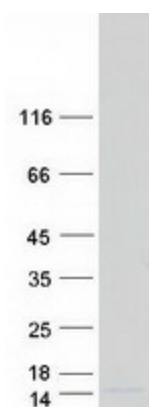
RefSeq ORF: 267

Synonyms: OTOSP

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]).