

Product datasheet for **TP311259L**

OTOS (NM_148961) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human otospiralin (OTOS), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone
or AA Sequence: >RC211259 protein sequence
Red=Cloning site **Green**=Tags(s)

MQACMVPGLALCLLLGPLAGAKPVQEEGDPYAELPAMPYWPFSTSDFWNYVQHFQALGAYPQIEDMARTF
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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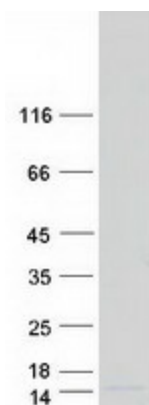
RefSeq ORF: 267

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]).