

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

**Cat. No.** OTOR-5210H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | OTOR MS Standard C13 and N15-labeled recombinant protein (NP_064542) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 14.3 kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MARILLFLPGLVAVCAVHGIFMDRLASKKLCADDECVTISLASAQEDYNAPDCRFI<br>NVKKGQQIYVYSKLVKENGAGEFWAGSVYGDGQDEMGVVGYFPRNLVKEQRVYQ<br>EATKEVPTTDIDFFCETRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                                                    |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                              |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                               |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

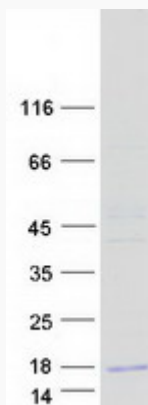
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                                                    |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA                                                                                                  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                |
| <b>Gene Name</b>        | OTOR otoraplin [ Homo sapiens (human) ]                                                                                        |
| <b>Official Symbol</b>  | OTOR                                                                                                                           |
| <b>Synonyms</b>         | OTOR; otoraplin; FDP; MIAL; MIAL1; fibrocyte-derived protein; melanoma inhibitory activity-like protein; MGC126737; MGC126739; |
| <b>Gene ID</b>          | 56914                                                                                                                          |
| <b>mRNA Refseq</b>      | NM_020157                                                                                                                      |
| <b>Protein Refseq</b>   | NP_064542                                                                                                                      |
| <b>MIM</b>              | 606067                                                                                                                         |
| <b>UniProt ID</b>       | Q9NRC9                                                                                                                         |

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**SDS-PAGE**

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