Product Name: Recombinant Human Otolin-1 (C-6His) Catalog #: PHH2211



概述 (Summary)

英文全称 Otolin-1

纯度 (Purity) Greater than 95% as determined by reducing SDS-PAGE

内毒素 (Endotoxin level) <1 EU/μg as determined by LAL test.

蛋白构建 (Construction) Recombinant Human Otolin-1 is produced by our Mammalian expression

system and the target gene encoding Lys24-Pro477 is expressed with a

6His tag at the C-terminus.

Accession # A6NHN0

蛋白标签 (Tag)

表达宿主 (Host) Human Cells

种属 (Species)Human预测分子量 (Predicted MW)47.7 KDa

蛋白形态 (Form) Lyophilized from a 0.2 µm filtered solution of PBS, 5% Trehalose, pH 7.4.

储存缓冲液 (Buffer)

运输方式 (Shipping) The product is shipped at ambient temperature. Upon receipt, store it

immediately at the temperature listed below.

稳定性&储存 (Stability &Storage) Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3

months under sterile conditions after opening. Please minimize freeze-thaw

cycles.

复溶 (Reconstitution) Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It

is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized

protein in distilled water. Please aliquot the reconstituted solution to minimize

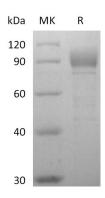
freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838

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背景 (Background)

分子別名 (Alternative Names) 背景介绍 (References) OTOL1; otolin 1; Otolin-1; C1qTNF15

Otolin (OTOL1), also known as C1qTNF15, is an approximately 65 kDa protein found in the otoconial membrane lining the cochlea and vestibular labyrinth of the inner ear. Collagen-like protein specifically expressed in the inner ear, which provides an organic scaffold for otoconia, a calcium carbonate structure in the saccule and utricle of the ear. It associates into multimers and disulfide-linked oligomers and also associates with other otoconial proteins including and Otoconin-90 (also known as PLA2G2A, PLA2L, and phospholipase A2 homolog) and Cerebellin-1. It is extensively glycosylated and has multiple hydroxylated proline residues in the collagenous regions.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.