

Product datasheet for **TP726651**

OTOL1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Otolin-1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Lys24-Pro477
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,5% Trehalose,pH7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	131149
UniProt ID:	A6NHN0
Synonyms:	OTOL1; otolin 1; Otolin-1; C1qTNF15
Summary:	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.
Protein Families:	Transmembrane



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