

Recombinant Full Length Human OTOGL Protein, GST-tagged

Cat. No. OTOGL-1762HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human C12orf64 full-length ORF (AAI01017.1, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	224 amino acids
Description	The protein encoded by this gene belongs to the otogelin family. This gene is expressed in the inner ear of vertebrates with the highest level of expression seen at the embryonic stage and lowest in adult. Knockdown studies in zebrafish suggest that this gene is essential for normal inner ear function. Mutations in this gene are associated with autosomal recessive deafness.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	51.8 kDa
AA Sequence	MIKYLEEDFCYAIECLEEKDNHTGFHTLNFTLVNCSKKCDVHQVYTPSPSDYGCCGT CKNVSCKFHMENGTSVVYAVGSTWHYNCTTYECVKTDEGAILNYTMVCPFFNETE CKMNEGIVKLYNEGCKICKREERICQKVIKSVIRKQDCMSQSPINVASCDGKCP SA TIYNINIESHLRFCKCCRENGVRNLSVPLYCSGNGTEIMYTLQEPIDCTCQWN
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name OTOGL otogelin like [Homo sapiens (human)]

Official Symbol OTOGL

Synonyms DFNB84B; C12orf64

Gene ID 283310

mRNA Refseq NM_173591.3

Protein Refseq NP_775862.3

MIM 614925

UniProt ID Q3ZCN5

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