Recombinant Human OTOGL Protein, GST-tagged

Cat. No. OTOGL-515H **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	Wheat Germ
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 CKNVSCKFHMENGTSVVYAVGSTWHYNCTTYECVKTDEGAIILNYTMVCPPFNETE CKMNEGIVKLYNEGCCKICKREERICQKVIIKSVIRKQDCMSQSPINVASCDGKCPSA TIYNINIESHLRFCKCCRENGVRNLSVPLYCSGNGTEIMYTLQEPIDCTCQWN
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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	Q3ZCN5.5

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