

Otoferlin (OTOF) Recombinant Protein | OTOF recombinant protein

Recombinant Human Otoferlin (OTOF), partial

CATALOG #
AAA233508

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Otoferlin (OTOF); Recombinant Human Otoferlin (OTOF); partial; OTOF recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1461-1868 aa; Partial
Sequence	KVPLPEDVSR EAGYDSTYGM FQGIPSNDPI NVLVRVYVVR ATDLHPADIN GKADPYIAIR LGKTDIRDKE NYISKQLNPV FGKSFIEAS FPMESMLTVA VYDWDLVGTD DLIGETKIDL ENRFYSKHRA TCGIAQTYST HGYNIWRDPM KPSQILTRLC KDGKVDGPHF GPPGRVKVAN RVFTGPSEIE DENGQRKPTD EHVALLALRH WEDIPRAGCR LVPEHVETRP LLNPDKPGIE QGRLELWVDM FPMDMAPAGT PLDISPRKPK KYELRVIWN TDEVVLEDDDD FFTGEKSSDI FVRGWLKGQQ EDKQDQDVHY HSLTGEGNFN WRYLFPFDYL AAEEKIVISK KESMFSDWDET EYKIPARLTL QIWDADHFSA DDFLGAIELD LNRFPRAKT AKQCTMEM
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for OTOF recombinant protein

Mutations in this gene are a cause of neurosensory nonsyndromic recessive deafness, DFNB9. The short form of the encoded protein has 3 C2 domains, a single carboxy-terminal transmembrane domain found also in the C. elegans spermatogenesis factor FER-1 and human dysferlin, while the long form has 6 C2 domains. The homology suggests that this protein may be involved in vesicle membrane fusion. Several transcript variants encoding multiple isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	566559996
NCBI GeneID	9381
NCBI Accession #	NP_001274418.1
NCBI GenBank Nucleotide #	NM_001287489.1
UniProt Accession #	Q9HC10 ; Q53R90 ; Q9HC08 ; Q9HC09 ; Q9Y650 ; B4DJX0 ; B5MCC1 ; B9A0H6
Molecular Weight	226,535 Da
NCBI Official Full Name	otoferlin isoform e
NCBI Official Synonym Full Names	otoferlin
NCBI Official Symbol	OTOF

NCBI Official Synonym Symbols	AUNB1; DFNB6; DFNB9; NSRD9; FER1L2
NCBI Protein Information	otoferlin
UniProt Protein Name	Otoferlin
UniProt Gene Name	OTOF
UniProt Synonym Gene Names	FER1L2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/otof-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/233508>