

Recombinant Full Length Human DFNA5 Protein, GST-tagged

Cat. No. DFNA5-2482HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DFNA5 full-length ORF (NP_004394.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	496 amino acids
Description	Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	81 kDa
AA Sequence	MFAKATRNFLREVDADGDLIAVSNLNDSKQLLSLVTKKKRFWCWQRPKYQFLSL TLGDVLIEDQFPSPVVVESDFVKYEGKFANHVSGTLETALGKVKLNLGSSRVESQS SFGTLRKQEVDLQQLIRDSAERTINLRNPVLQQVLEGRNEVLCVLTQKITTMQKCVIS EHMQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVVLEIPAATTIAYGVIELYVKLD GQFEFCLLRGKQGGFENKKRIDSVYLDPLVFREFAFIDMPDAAHGISSQDGPLSVLK QATLLERNFHPFAELPEPQQTALSDFQAVLFDDDELLMVLEPVCDDLVSGLSPTVAV LGELKPRQQQDLVAFLQLVGCSLQGGCPGPEDAGSKQLFMTAYFLVSALAEMPDS AAALLGTCKKLQIIPTLCHLLRALSDDGVSDDLEPTLTPLKDTERFGIVQRLFASADISL

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ERLKSSVKAVILKDSKVFPLLLCITLNGLCALGREHS

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

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.

GENE INFORMATION

Gene Name

DFNA5 deafness, autosomal dominant 5 [Homo sapiens]

Official Symbol

DFNA5

Synonyms

DFNA5; deafness, autosomal dominant 5; non-syndromic hearing impairment protein 5; ICERE 1; nonsyndromic hearing impairment protein; inversely correlated with estrogen receptor expression 1; ICERE-1;

Gene ID

1687

mRNA Refseq

NM_001127453

Protein Refseq

NP_001120925

MIM

608798

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UniProt ID

O60443

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