Recombinant Human DFNA5 Protein, GST-tagged

Cat. No. DFNA5-2559H **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	Wheat Germ
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	MFAKATRNFLREVDADGDLIAVSNLNDSDKLQLLSLVTKKKRFWCWQRPKYQFLSL TLGDVLIEDQFPSPVVVESDFVKYEGKFANHVSGTLETALGKVKLNLGGSSRVESQS SFGTLRKQEVDLQQLIRDSAERTINLRNPVLQQVLEGRNEVLCVLTQKITTMQKCVIS EHMQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVVLEIPAATTIAYGVIELYVKLD GQFEFCLLRGKQGGFENKKRIDSVYLDPLVFREFAFIDMPDAAHGISSQDGPLSVLK QATLLLERNFHPFAELPEPQQTALSDIFQAVLFDDELLMVLEPVCDDLVSGLSPTVAV LGELKPRQQQDLVAFLQLVGCSLQGGCPGPEDAGSKQLFMTAYFLVSALAEMPDS AAALLGTCCKLQIIPTLCHLLRALSDDGVSDLEDPTLTPLKDTERFGIVQRLFASADISL ERLKSSVKAVILKDSKVFPLLLCITLNGLCALGREHS

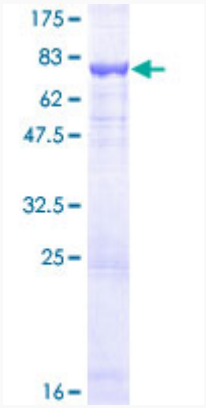
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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
UniProt ID	O60443

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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