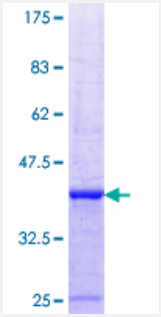
DFNA5 (Human) Recombinant Protein (Q01)

Catalog # H00001687-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DFNA5 partial ORF (NP_004394.1, 111 a.a. - 200 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	SQSSFGTLRKQEVDLQQLIRDSAERTINLRNPVLQQVLEGRNEVLCVLTQKITTMQKCVISEHMQV EEKCGGIVGIQTKTVQVSATEDGN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — DFNA5

Entrez GeneID	1687
GeneBank Accession#	NM_004403
Protein Accession#	NP_004394.1
Gene Name	DFNA5
Gene Alias	ICERE-1
Gene Description	deafness, autosomal dominant 5
Omim ID	600994 608798
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	deafness, autosomal dominant 5 protein|inversely correlated with estrogen receptor expression 1|nonsyndromic hearing impairment protein

Disease

- Colorectal Neoplasms
- Genetic Predisposition to Disease
- Tobacco Use Disorder

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