

Product datasheet for PH310515

GSDME (NM_004403) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DFNA5 MS Standard C13 and N15-labeled recombinant protein (NP_004394)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210515
Predicted MW:	54.6 kDa
Protein Sequence:	>RC210515 protein sequence Red=Cloning site Green=Tags(s)

MF AKATRNFLREVDADGDLIAVSNLNDSDKLQLLSLVTKKRFWCWQRPKYQFLSLTLGDVLIEDQFPSP
VVVESDFVKYEGKFANHVSGTLETALGKVKLNLLGGSSRVESQSSFGTLRKQEVDLQQLIRDSAERTINLR
NPVLQQVLEGRNEVLCVLTQKITTMQKCVISEHMQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVVLE
IPAATTIAYGVIELYVKLDGLFEFCLLRGKQGGFENKKRIDSVYLDHLVRFREAFIDMPDAAHGISSQDG
PLSVLKQATLLLERNFHPFAELPEPQQTALSDIFQAVVFDELLMVLEPVCDDLVSGLSPTVAVLGELKP
RQQQDLVAFLLQLVGCSLQGGCPGPEAGSKQLFMTAYFLVSALAE MPDSAAALLGTCKLQIIP TLCHLL
RALSDDGVS DLEDPTL TPLK DTERFGIVQRLFASADISLERL KSSVKAVILKDSKVFPLLLCITLNLGLCA
L GREHS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004394
RefSeq Size:	2521
RefSeq ORF:	1488



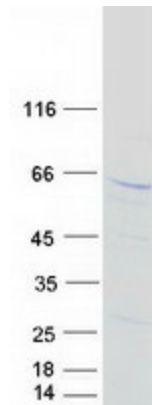
[View online »](#)

Synonyms: DFNA5; ICERE-1
Locus ID: 1687
UniProt ID: [O60443](#), [A0A024RA58](#)
Cytogenetics: 7p15.3

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, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified GSDME protein (Cat# [TP310515]). The protein was produced from HEK293T cells transfected with GSDME cDNA clone (Cat# [RC210515]) using MegaTran 2.0 (Cat# [TT210002]).