

Recombinant Full Length Human GSDME Protein, C-Flag-tagged

Cat. No. GSDME-894HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GSDME Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.4 kDa
AA Sequence	MFAKATRNFLREVDADGDLIAVSNLNDSKQLQLSLVTKKKRFWCWQRPKYQFLSL TLGDVLIEDQFPSP VVVESDFVKYEGKFANHVSGTLETALGKVKLNLGSSRVESQ SSFGLTRKQEVLDLQQLIRDSAERTINLR NPVLQQVLEGRNEVLCVLTQKITTMQKCVI SEHMQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVVLE IPAATTIAYGVIELYVKL DGLFEFCLLRGKQGGFENKKRIDSVYLDHLVFREFAFIDMPDAAHGISSQDG PLSVL KQATLLLLERNFHPFAELPEPQQTALSDIFQAVVFDELLMVLEPVCDDLVSGLSPTVA VLGELKP RQQQDLVAFLQLVGCSLQGGCPGPEDAGSKQLFMTAYFLVSALAEMP

 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

SAAALLGTCCKLQIIPTLCHLL RALSDDGVSDLEDPTLTPLKDTERFGIVQRLFASADI
SLERLKSSVKAVILKDSKVFPLLLCITLNLCA
LGREHSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	GSDME gasdermin E [Homo sapiens (human)]
Official Symbol	GSDME
Synonyms	DFNA5; ICERE-1
Gene ID	1687
mRNA Refseq	NM_004403.3

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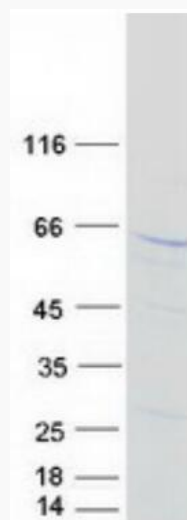
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Protein Refseq [NP_004394.1](#)

MIM [608798](#)

UniProt ID [O60443](#)



Coomassie blue staining of purified GSDME protein.

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