Recombinant Human DEFB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DEFB1-6715H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DEFB1 MS Standard C13 and N15-labeled recombinant protein (NP_005209) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis.
Molecular Mass	7.4 kDa
AA Sequence	MRTSYLLLFTLCLLLSEMASGGNFLTGLGHRSDHYNCVSSGGQCLYSACPIFTKIQG TCYRGKAKCCKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

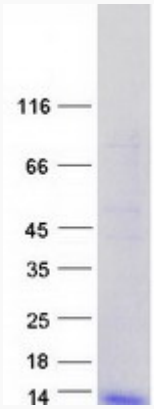
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	DEFB1 defensin beta 1 [Homo sapiens (human)]
Official Symbol	DEFB1
Synonyms	DEFB1; defensin, beta 1; beta-defensin 1; BD1; DEFB 1; DEFB101; HBD 1; HBD1; MGC51822; BD-1; beta-defensin-1; DEFB-1;
Gene ID	1672
mRNA Refseq	NM_005218
Protein Refseq	NP_005209
MIM	602056
UniProt ID	P60022

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

SDS-PAGE	

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