

Product datasheet for PH312030

DEFB125 (NM_153325) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DEFB125 MS Standard C13 and N15-labeled recombinant protein (NP_697020)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212030
Predicted MW:	17.5 kDa
Protein Sequence:	>RC212030 protein sequence Red=Cloning site Green=Tags(s) MNILMLTFIICGLLTRVTKGSFEPQKCWKNNVGHCRRRCLDTERYILLCRNKLSCCISIIISHEYTRRPAF PVIHLEDITLDYSDVDSFTGSPVSMNLNLDITFDTTKFGETMTPETNTPETTMPPSEATTPETTMPPSETA TSETMPPPSQTALTHN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_697020
RefSeq Size:	709
RefSeq ORF:	468
Synonyms:	DEFB-25
Locus ID:	245938
UniProt ID:	Q8N687 , B2R4E8



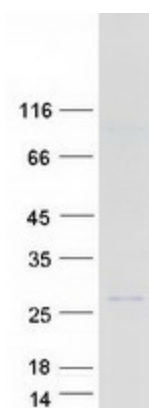
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Cytogenetics: 20p13

Summary: Defensins are cysteine-rich cationic polypeptides that are important in the host immunologic response to invading microorganisms. The antimicrobial protein encoded by this gene is secreted and is a member of the beta defensin protein family. Beta defensin genes are found in several clusters throughout the genome, with this gene mapping to a cluster at 20p13. [provided by RefSeq, Nov 2014]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified DEFB125 protein (Cat# [TP312030]). The protein was produced from HEK293T cells transfected with DEFB125 cDNA clone (Cat# [RC212030]) using MegaTran 2.0 (Cat# [TT210002]).