

Product datasheet for PH300643

Emerin (EMD) (NM_000117) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EMD MS Standard C13 and N15-labeled recombinant protein (NP_000108)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200643
Predicted MW:	29 kDa
Protein Sequence:	>RC200643 protein sequence Red=Cloning site Green=Tags(s) MDNYADLSDELTTLLRRYNIPHGVPVVGSTRRLYEKKIFEYETQRRRLSPPSSSAASSYSFSDLNSTRGD ADMYDLPKKEDALLYQSKGYNDYYEESYFTTRTYGEPESAGPSRAVRQSVTSFPDADAFHHQVHDDLL SSSEEECKDRERPMYGRDSAYQSITHYRPVSASRSLDLSYYPTSSSTSFMSSSSSSSWLTRRAIRPEN RAPGAGLGQDRQVPLWGQLLLFLVFVIVLFFIYHFMQAEENPF 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- 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_000108
RefSeq Size:	1370
RefSeq ORF:	762
Synonyms:	EDMD; LEMD5; STA
Locus ID:	2010
UniProt ID:	P50402



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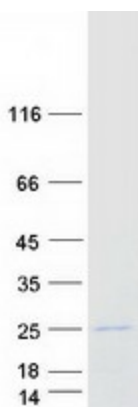
Cytogenetics: Xq28

Summary: Emerin is a serine-rich nuclear membrane protein and a member of the nuclear lamina-associated protein family. It mediates membrane anchorage to the cytoskeleton. Dreifuss-Emery muscular dystrophy is an X-linked inherited degenerative myopathy resulting from mutation in the emerin gene. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Dilated cardiomyopathy, Hypertrophic cardiomyopathy (HCM)

Product images:



Coomassie blue staining of purified EMD protein (Cat# [TP300643]). The protein was produced from HEK293T cells transfected with EMD cDNA clone (Cat# [RC200643]) using MegaTran 2.0 (Cat# [TT210002]).