Recombinant Mouse Emd Protein, Myc/DDK-tagged

Cat. No. Emd-2812M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length emerin (Emd), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene is the founding member of the LEM (Lap2beta, Emerin, and Man1) domain gene family. It encodes an integral membrane protein of the inner nuclear membrane. This gene may be involved in transcriptional regulation and genomic organization. In humans, mutations in this gene cause a class of diseases called laminopathies, which includes Emery-Dreifuss muscular dystrophy (EDMD).
Molecular Mass	29.4 kDa
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 after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Emd emerin [Mus musculus (house mouse)]
Official Symbol	Emd
Synonyms	EMD; emerin; AW550900
Gene ID	13726
mRNA Refseq	NM_007927
Protein Refseq	NP_031953
UniProt ID	O08579

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