

Recombinant Mouse Edf1 Protein, Myc/DDK-tagged

Cat. No. Edf1-2727M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length endothelial differentiation-related factor 1 (Edf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Transcriptional coactivator stimulating NR5A1 and ligand-dependent NR1H3/LXRA and PPARG transcriptional activities. Enhances the DNA-binding activity of ATF1, ATF2, CREB1 and NR5A1. Regulates nitric oxide synthase activity probably by sequestering calmodulin in the cytoplasm. Might function in endothelial cells differentiation, hormone-induced cardiomyocytes hypertrophy and lipid metabolism.
Molecular Mass	16.4 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	Edf1 endothelial differentiation-related factor 1 [Mus musculus (house mouse)]
Official Symbol	Edf1
Synonyms	EDF1; endothelial differentiation-related factor 1; MBF1; EDF-1; hypothetical protein 1-9; multiprotein-bridging factor 1; AA409425; 0610008L11Rik
Gene ID	59022
mRNA Refseq	NM_021519
Protein Refseq	NP_067494
UniProt ID	Q9JMG1

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