9051 Mira Mesa Blvd, #910094
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# EDF1 Human

*Endothelial Differentiation-Related Factor 1 Human Recombinant*
*RCP0703*

## Product Overview

| | |
|---|---|
| Name | EDF1 Human |
| **Description** | |
| Endothelial Differentiation-Related Factor 1 Human Recombinant | |
| Accession (Primary) | O60869 |
| **Synonyms** | |
| EDF-1, MBF1, Multiprotein-bridging factor 1. | |
| **Introduction** | |
| EDF1 controls endothelial cell differentiation. EDF1 has a role as a bridging protein that interconnects regulatory proteins and the basal transcriptional machinery, thus modulating the transcription of genes that take part in endothelial differentiation. EDF1 binds calmodulin through its IQ domain and controls nitric oxide synthase activity via calmodulin sequestration in the cytoplasm. EDF1 is localized in adult liver, heart, adipose tissues, intestine and pancreas. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| 0.5 mg/ml solution containing 20mM Tris pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles. | |
| **Purity** | |
| Greater than 90.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MAESDWDTVT VLRKKGPTAA QAKSKQAILA AQRRGEDVET SKKWAAGQNK QHSITKNTAK LDRETEELHH DRVTLEVGKV IQQGRQSKGL TQKDLATKIN EKPQVIADYE SGRAIPNNQV LGKIERAIGL KLRGKDIGKP IEKGPRAK LE HHHHHH . | |
| **Precautions** | |

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EDF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( O60869 )