

Product datasheet for **TP502095**

Edn1 (NM_010104) Mouse Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse endothelin 1 (Edn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR202095 protein sequence Red =Cloning site Green =Tags(s) |

MDYFPVIFSLLFVTFQGAPETA VLGAELSTGAENGVQSPPPSTPWRPRRSKRCSCSSLMDKECVYFCHLD
IIWVNTPERVVPYGLGGSSRSKRSLKDLLPNKATDQAVRCQCAHQDKKCNWFCQAGKELRAQSTMQKSL
KDSKKGKPCSKLGKKCIYQQLVEGRKLRRLAISNSIKASFRVAKLKAELYRDQKLTHNRAH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 22.8 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | <u>NP_034234</u> |
| Locus ID: | 13614 |
| UniProt ID: | <u>P22387, Q544E0</u> |
| RefSeq Size: | 2344 |
| Cytogenetics: | 13 20.82 cM |



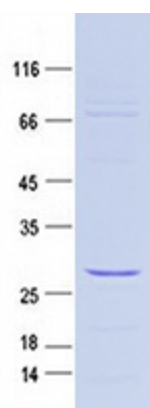
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RefSeq ORF: 609

Synonyms: ET-1; PPET1; preproET

Summary: This gene encodes a member of the endothelin family of peptides. The encoded preproprotein undergoes proteolytic processing to generate a peptide before secretion by the vascular endothelial cells. The mature peptide has various biological activities such as vasoconstriction, cell proliferation, stimulation of hormone release and modulation of central nervous activity. Mice lacking the encoded protein exhibit neonatal lethality accompanied with numerous craniofacial and cardiovascular defects due to disruption in cranial and cardiac neural crest cell patterning during early embryogenesis. [provided by RefSeq, Feb 2016]

Product images:



Purified recombinant protein Edn1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.