

Recombinant Mouse Edn1 Protein, His-tagged, BSA Conjugated

Cat. No. Edn1-2803M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BSA Conjugated Recombinant Mouse Edn1 Protein fused with a N-His tag.
Species	Mouse
Source	Synthetic
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 1718.0 Da
Purity	> 97%
Applications	Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

Conjugation

BSA

GENE INFORMATION

Gene Name

Edn1 endothelin 1 [*Mus musculus*]

Official Symbol

Edn1

Synonyms

EDN1; endothelin 1; endothelin-1; PPET1; preproendothelin; preproendothelin-1; ET-1; preproET;

Gene ID

13614

mRNA Refseq

NM_010104

Protein Refseq

NP_034234

UniProt ID

P22387

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