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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