

Recombinant Guinea pig Edn1 Protein, His-tagged, BSA Conjugated

Cat. No. Edn1-2801G **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BSA Conjugated Recombinant Guinea pig Edn1 Protein fused with a N-His tag.
Species	Guinea pig
Source	Synthetic
Description	This gene encodes a preproprotein that is proteolytically processed to generate a secreted peptide that belongs to the endothelin/sarafotoxin family. This peptide is a potent vasoconstrictor and its cognate receptors are therapeutic targets in the treatment of pulmonary arterial hypertension. Aberrant expression of this gene may promote tumorigenesis. Alternative splicing results in multiple transcript variants.
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 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.

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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 [<i>Cavia porcellus</i> (domestic guinea pig)]
Official Symbol	Edn1
Synonyms	Edn1; endothelin 1; endothelin-1
Gene ID	100726197
mRNA Refseq	XM_003468843
Protein Refseq	XP_003468891
UniProt ID	A0A286XTW8

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