

Recombinant Human EDN3

Catalog No: #GP11519



Package Size: #GP11519-1 100ug

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Description

Product Name	Recombinant Human EDN3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 118-238 amino acids of human endothelin 3
Target Name	endothelin 3
Other Names	ET3; ET-3; WS4B; HSCR4; PPET3
Accession No.	Swissprot:P14138Gene Accession:BC008876
Uniprot	P14138
GeneID	1908;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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