

EDN3 抗原（重组蛋白）

中文名称： EDN3 抗原（重组蛋白）

英文名称： EDN3 Antigen (Recombinant Protein)

别名： ET3; ET-3; WS4B; HSCR4; PPET3

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 118-238 amino acids of human EDN3

技术规格：

Full name:	endothelin 3
Synonyms:	ET3; ET-3; WS4B; HSCR4; PPET3
Swissprot:	P14138
Gene Accession:	BC008876
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 W

Werner syndrome (WS), which are congenital disorders involving neural crest-derived cells. Four alternatively spliced transcript variants encoding three distinct isoforms have been observed.