

## 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：

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